

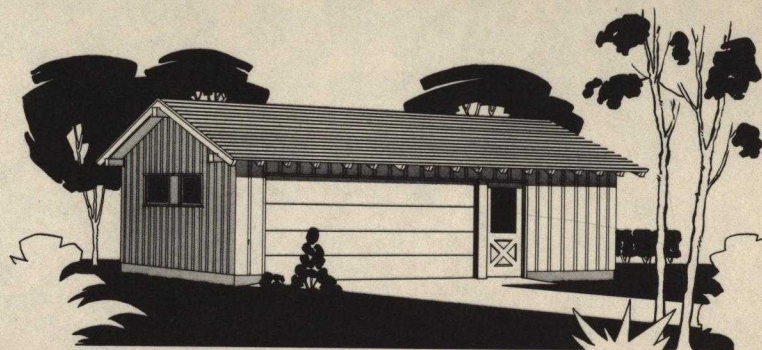
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"Do • It • Yourself"

GARAGE

**PLANS WITH
COMPLETE
BLUE PRINTS**

31



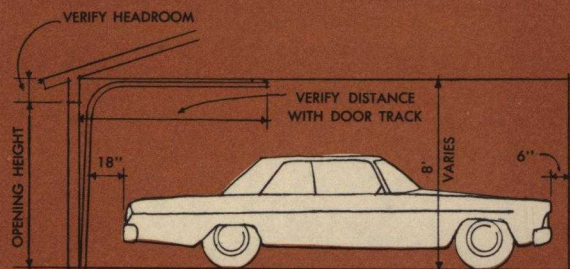
About Garages

Not long ago the good old "woodshed" with its contents of wood, coal and general junk was a familiar sight in the backyard of many homes. As time and conditions progressed the shed became a home for the family car and nothing else. Today this same shed is now called a garage but it has developed into a multi-purpose building.

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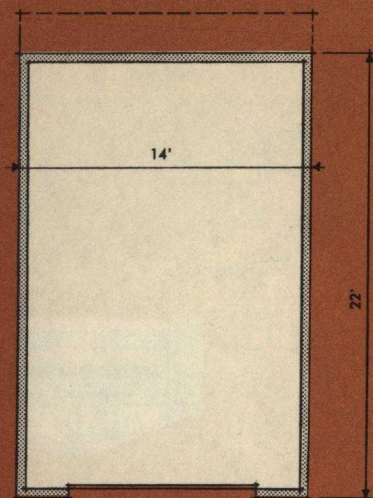
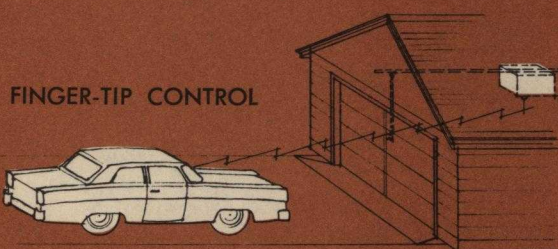
In addition to the practical garages and other timely suggestions presented in this book, you will also find blueprint working drawings for each design. When choosing, keep in mind the appearance of your home and select a garage to harmonize with its architecture; one that will provide the extra space and conveniences you have always wanted.

HELPFUL HINTS IN PLANNING SIZE OF YOUR GARAGE

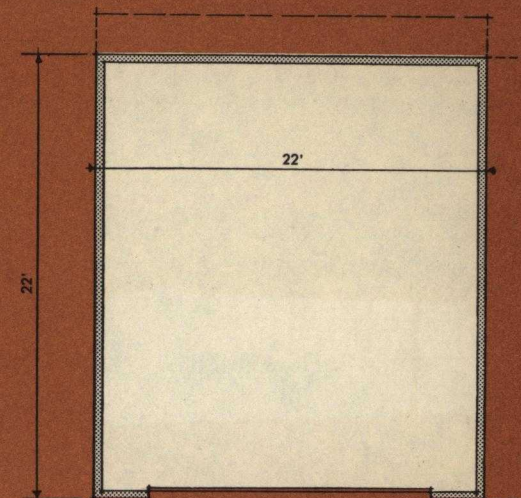


MINIMUM INTERIOR GARAGE CLEARANCES

Just push a button on the portable transistor in your car. The electric operator responds to a radio signal and raises door. Door operation has many safety features.

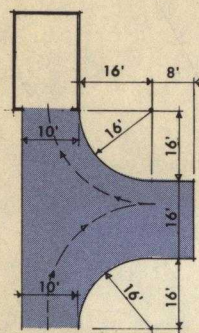


Recommended size for single garage. Dotted lines show extension for storage. Other garage drawings in this book show variations.

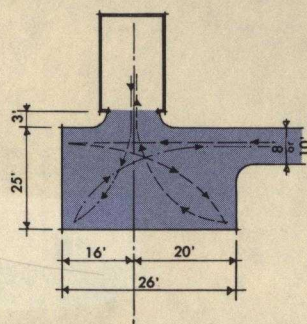


Recommended size for two car garage. Of course, first thing is to provide adequate space for your cars. Dotted lines show extension for storage.

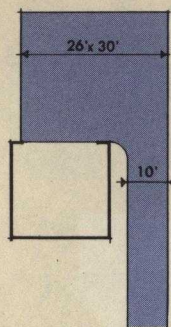
AND SOLVING YOUR DRIVEWAY PROBLEMS



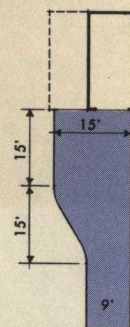
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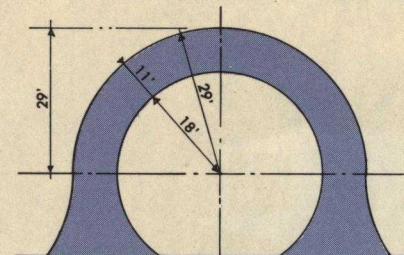
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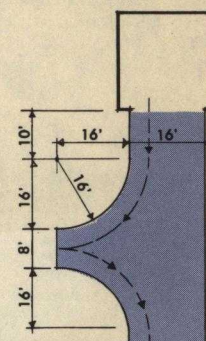
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Putting extra space on your driveway now will not only provide guest parking but you will also be ready when the single garage someday becomes a double.

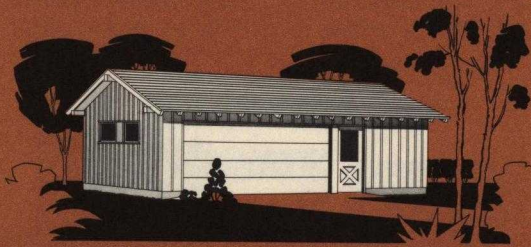


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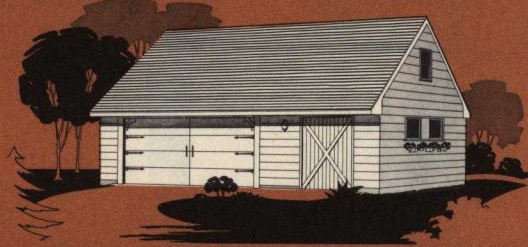
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YOUR GARAGE CAN BE ONE OF THESE FINE DESIGNS



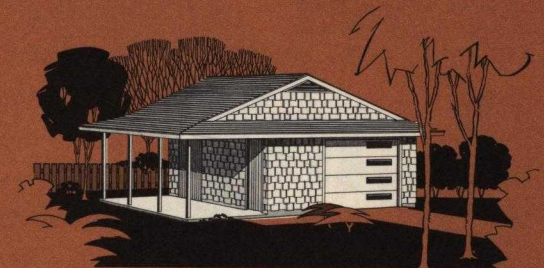
Design G-871

The rustic style of this garage is appealing. Asphalt shingles, exposed roof rafter ends and the strong shadow lines of board-on-board vertical siding blend harmoniously. Adding additional width to the usual two car garage results in wonderful space for your boat or if you have a hobby — a workshop.



Design G-872

Here is a garage that will be hard for you to resist. Besides space for two cars, a partition separates an area that can be used for a workshop, storage room, or protection for the family boat. The inside stair leads to a second floor over the workshop for a perfect storage area.



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A modified hip-roof, cedar shingle walls and batten service doors account for the unique exterior style. Should the style be too much of a contrast with your present home, almost any type of siding material could be used without harming the appearance. Additional storage will be found on deck over porch and storage areas.



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Here is an excellent way to gain lots of space at very little additional expense. This is accomplished first, by merely raising pitch of the roof. Then, a beam and floor joists are added to form a second floor. A fold-up stair is installed and you have just completed doubling your garage floor space.



Design G-875

Brick veneer, plus contrasting board-on-board siding on the gable-ends, gives this two-car garage a fresh exterior appearance. Brick veneer is well known for its low maintenance cost, so over the years time and money will be saved. If desired, converting to hip-roof would not cause any problems.



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Here is a flexible garage idea. It was designed for inexpensive housing of 1, 2, 3, 4 or more cars. So apartment owners should be especially interested. Plans call for low maintenance brick veneer and trussed roof construction. Concrete block is another type of exterior wall construction that can be substituted for the brick and frame.



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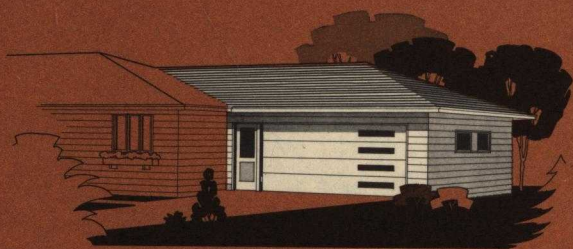


Design G-880



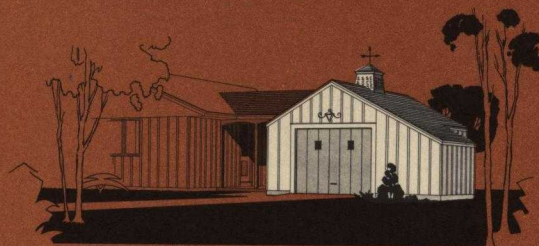
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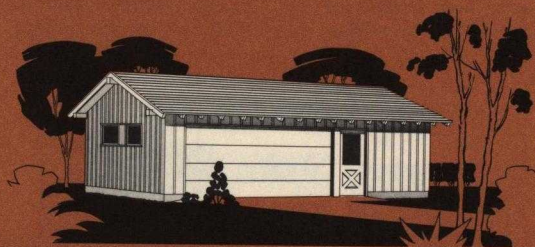
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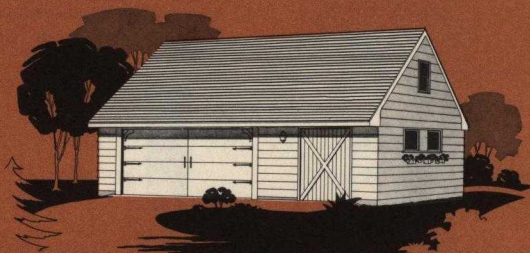
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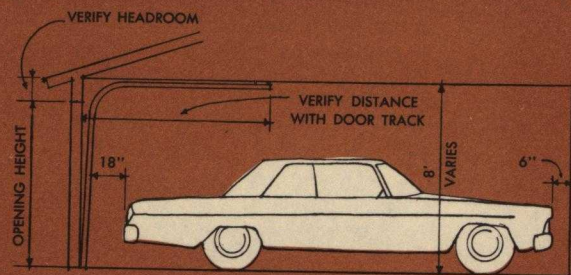
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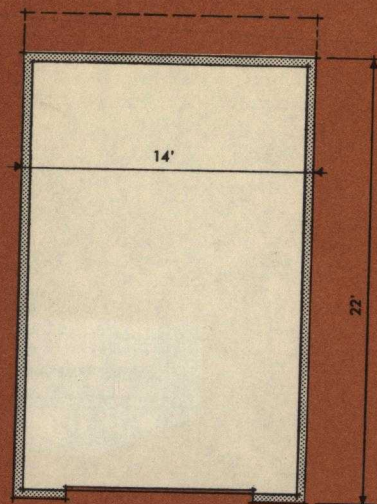
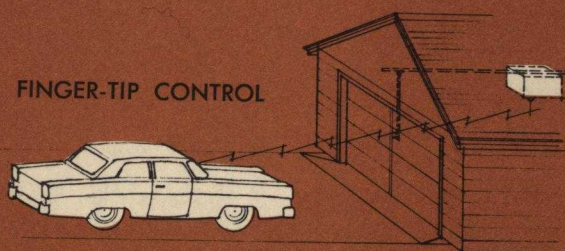
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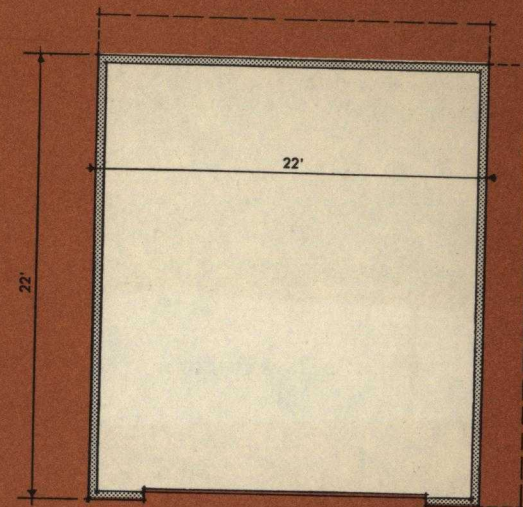
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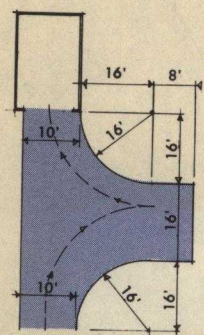


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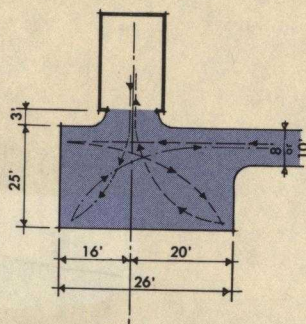


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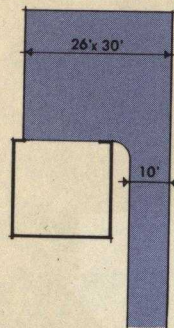
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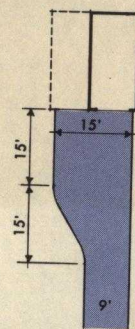
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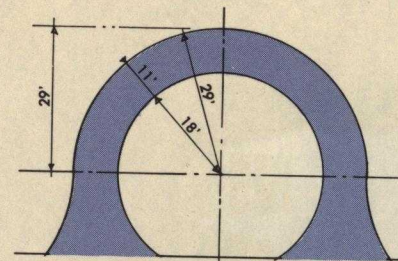
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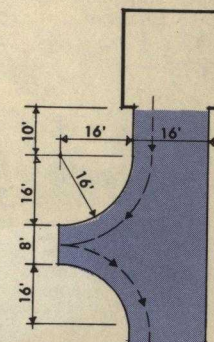
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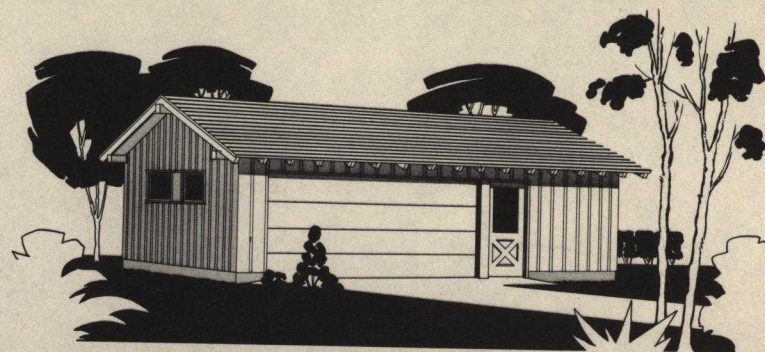
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STUDY THESE EASY "STEP-BY-STEP" GARAGE CONSTRUCTION METHODS . . .

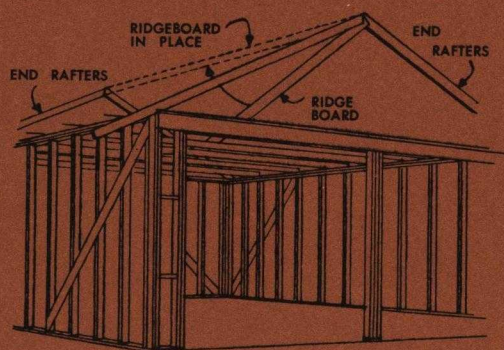


Fig. 3

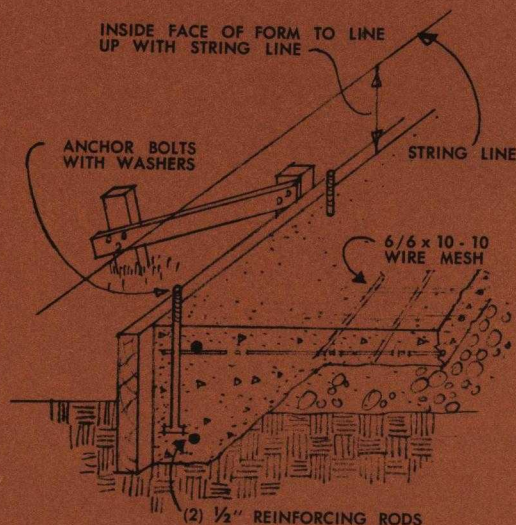


Fig. 2

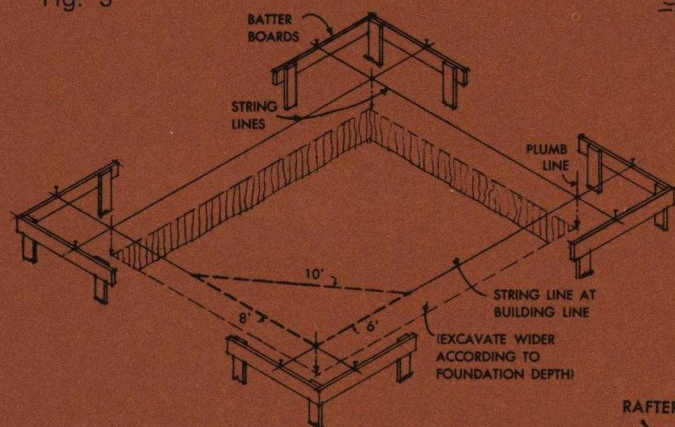


Fig. 1

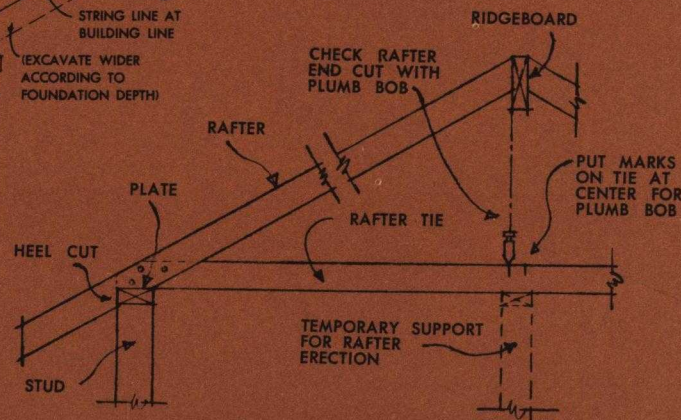
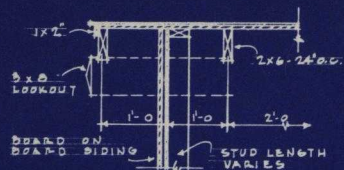
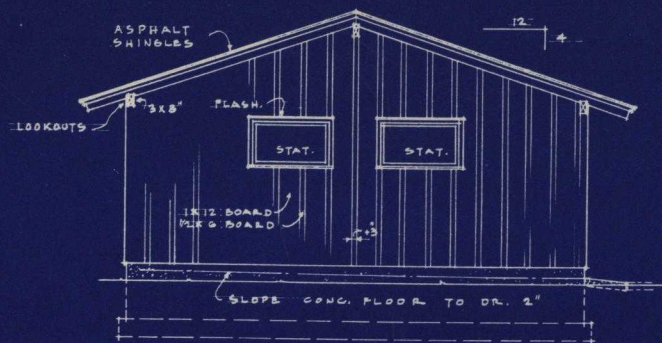


Fig. 4

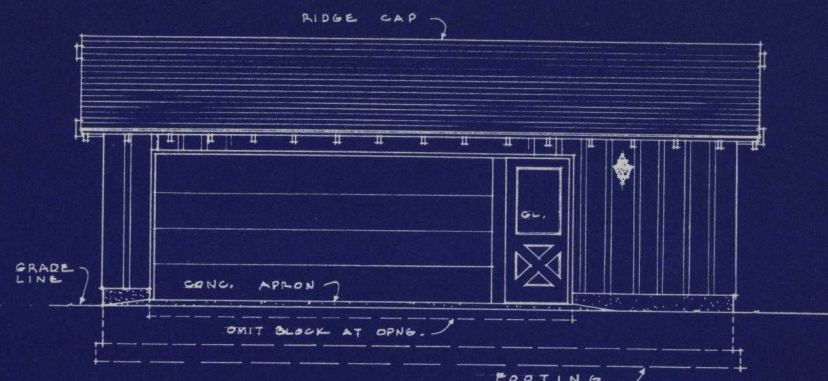
- 1 Stake out the area as illustrated. (see Fig. 1) Be sure all corners are square. Remember that dimensions on plan are to outside of concrete and face of stud. Use 2" lumber to build forms for the concrete slab. (see Fig. 2) Inside face of form boards must line up exactly with "string lines" set according to plan dimensions. Brace thoroughly to keep forms from pushing out when concrete is poured.
- 2 Two 1/2" reinforcing bars in perimeter and wire mesh in slab are recommended. Pour concrete and level with a long straight 2 x 4 as you go. Watch concrete very close and trowel before it sets up.
- 3 Set anchor bolts with washers as indicated on plan 1 3/4" in from edge of concrete and extending at least 2 1/2" above surface.
- 4 Place 2 x 4 on top of bolts with edge of 2 x 4 flush with outside face of concrete and tap with a hammer over each bolt to locate position of bolt holes. Drill bottom plate and fit over bolts to check location. Lay 2 x 4 top plate along side of bottom plate and mark both, for stud locations.
- 5 Layout and assemble wall on concrete slab. Nail through plates into each end of stud with two 16d nails. Square walls and temporarily nail 1 x 6 diagonally to frame. Tilt up each side and end wall as completed and brace securely. Plumb walls, square building and apply top plate. Lap top plate over adjacent walls for good tie-in. Nail sections together and notch in 1 x 4 diagonal corner bracing if plywood sheathing is not used. Frame in front wall as shown on plan.
- 6 Nail on rafter ties as shown on plan. They will make a working platform for rafter erection. Provide support if span is too great. Front tie should not be nailed in place until overhead door hardware is ready to be installed.
- 7 Use pattern on plan to layout heel cuts on rafter. Make two heel cuts, set rafters on plate and check rafter end cut with plumb bob. Remember to allow for ridge board. (see fig. 4) Use one of these as the pattern to cut all the others. Mark spacing of rafters on ridge board. Set the two end rafters in place, nail to plate and to one end of ridge board at peak of rafters. Brace for plumb. Then lift ridge board into level position and nail two more rafters every 10 to 12 feet. Place all remaining rafters directly above corresponding studs and nail in place. Rafter ties should now be nailed to rafters before bracing is removed.
- 8 Add gable end studs, eave blocking and any other framing that is called for on plan.
- 9 Apply roof sheathing, starting at bottom end of rafters. (stagger joints) Check plan to find out how far roof sheathing is to extend out at gable ends.
- 10 Apply roof shingles over (felt if desired) wood shingle "base starter course" which shall have 3/4" extension beyond trim. Excess shingle length should be cut off on inward side.
- 11 Apply a felt over wall sheathing if plywood is not used. Start siding at bottom and level. Check every third course and stagger joints. Trim at eaves and corners. Install doors and windows and apply trim.



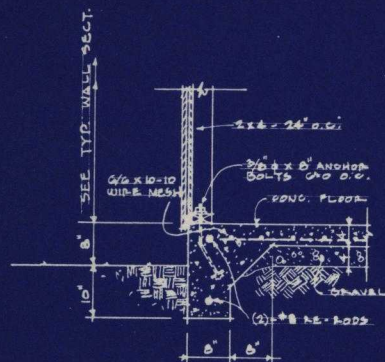
RAKE DETAIL



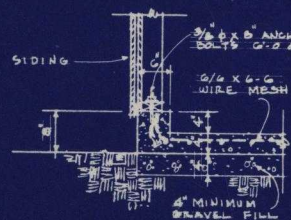
SIDE ELEVATION



FRONT ELEVATION



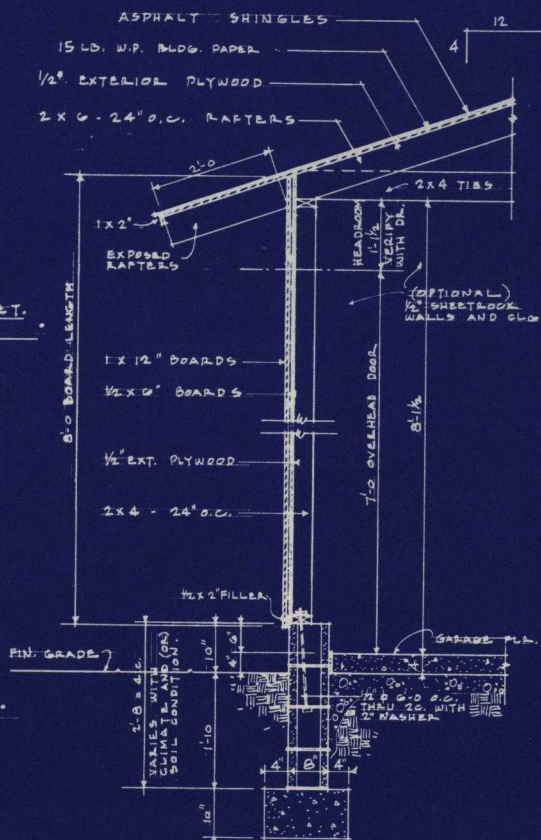
ALTERNATE FOOTING DET. FLOATING GRADE BEAM



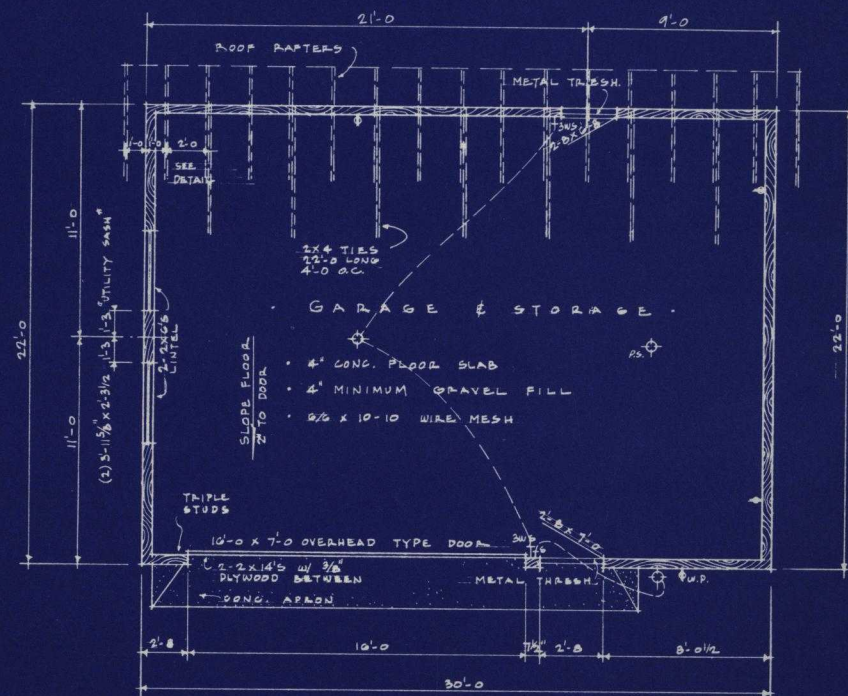
ALTERNATE FOOTING DET. FLOATING SLAB



RAFTER HEEL CUT PATTERN

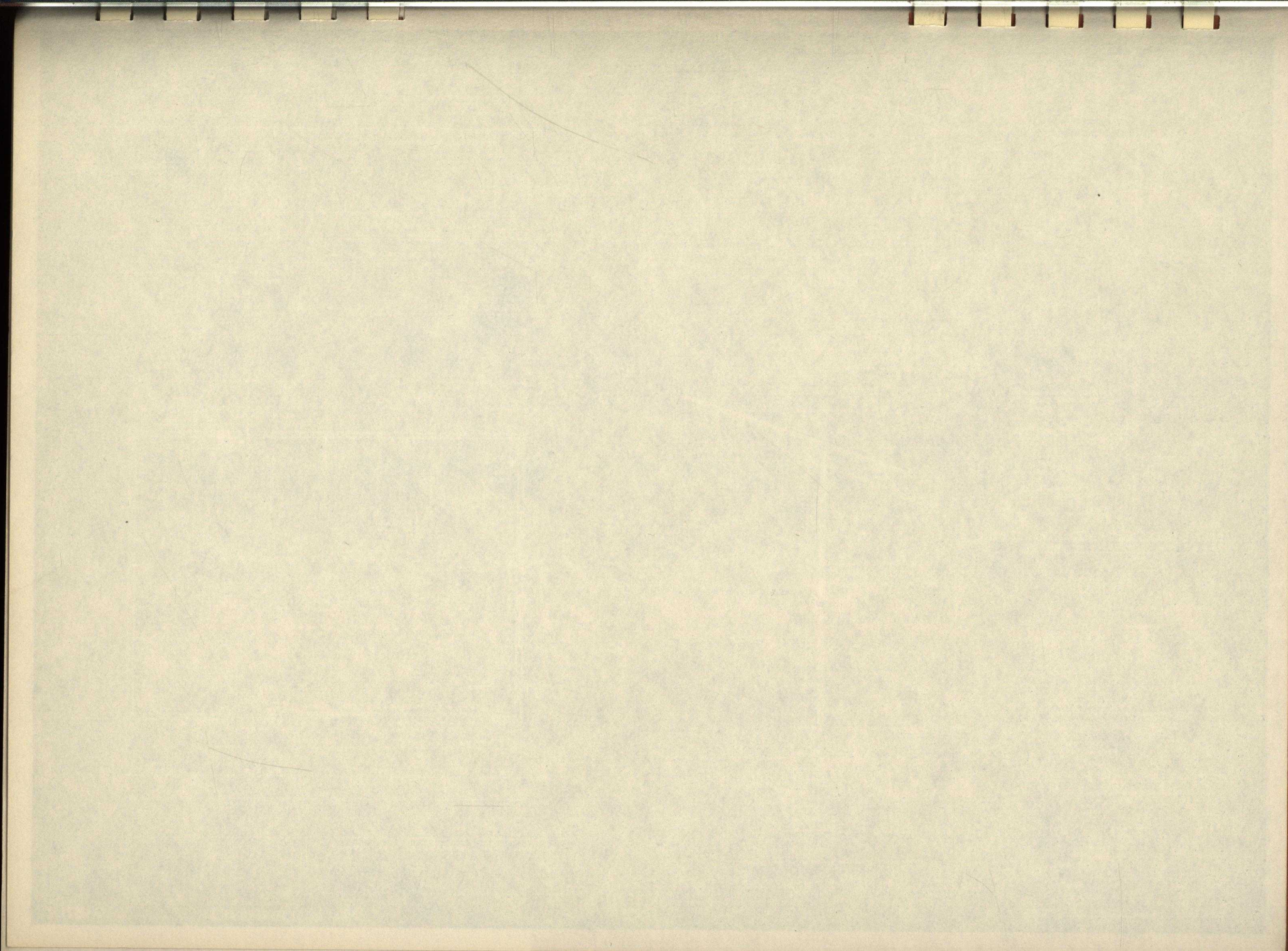


TYPICAL WALL SECTION



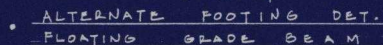
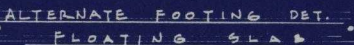
FLOOR PLAN

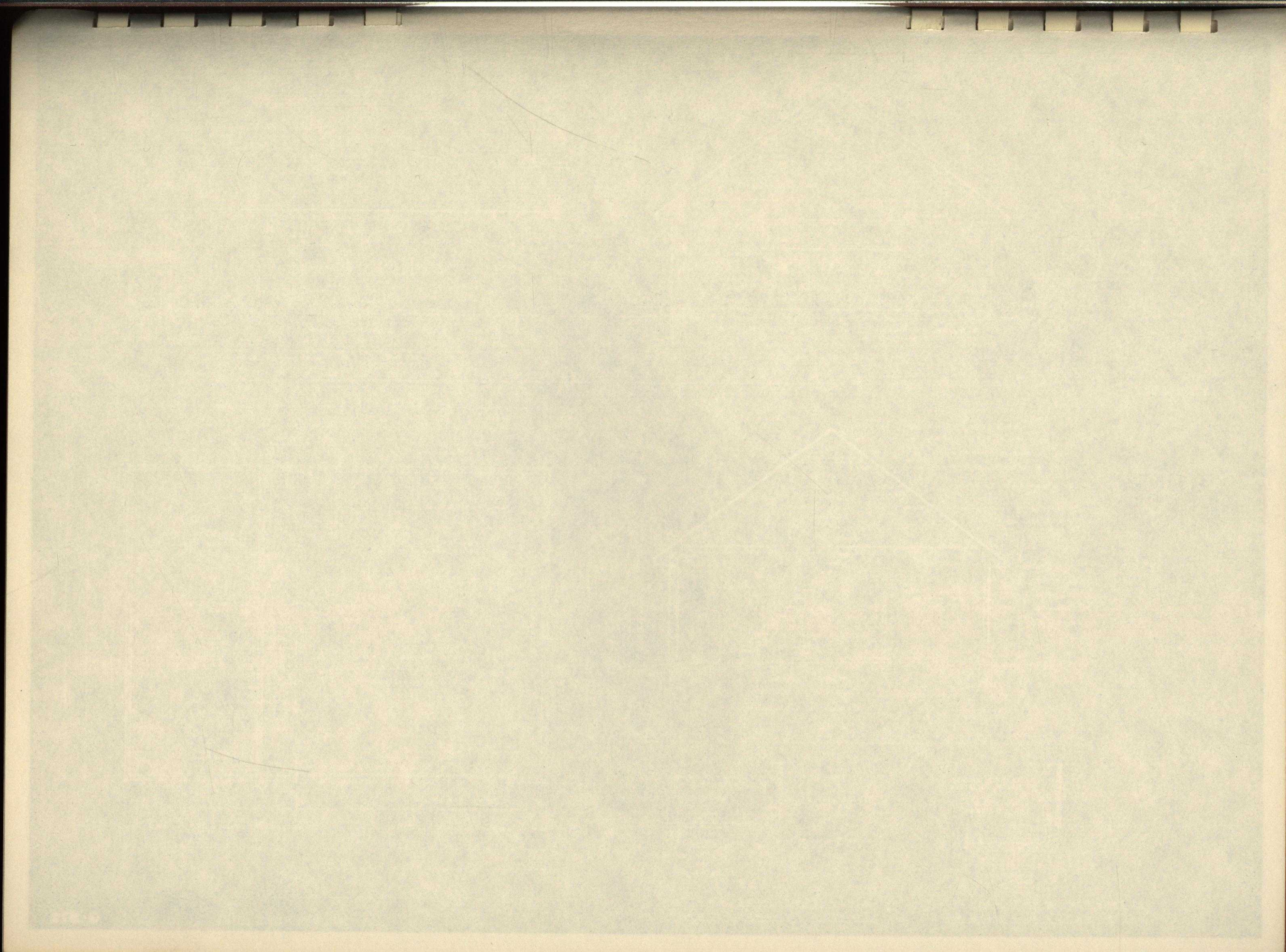
DIMENSIONS HAVE PREFERENCE OVER SCALE

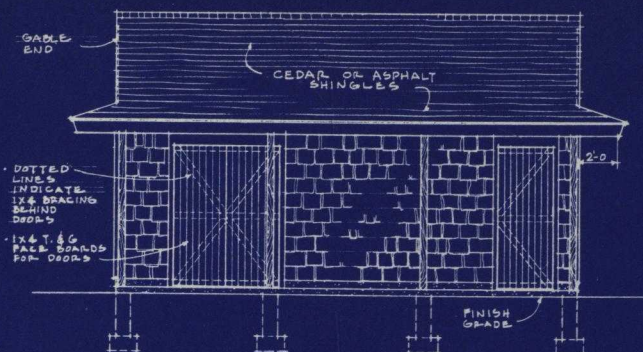




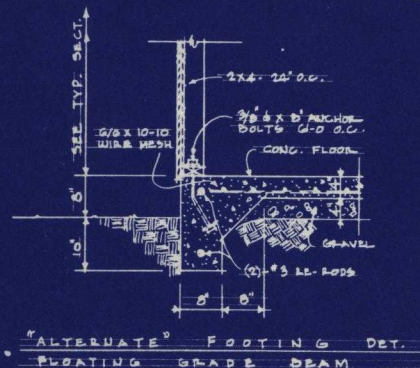
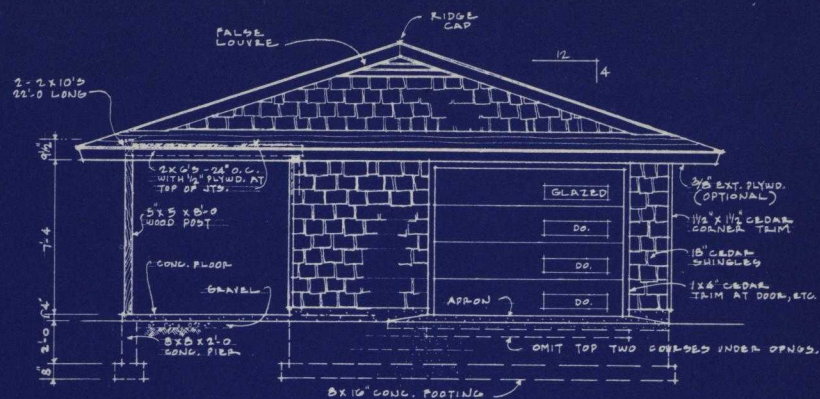
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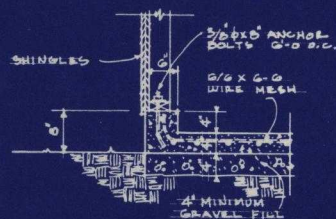




S I D E E L E V A T



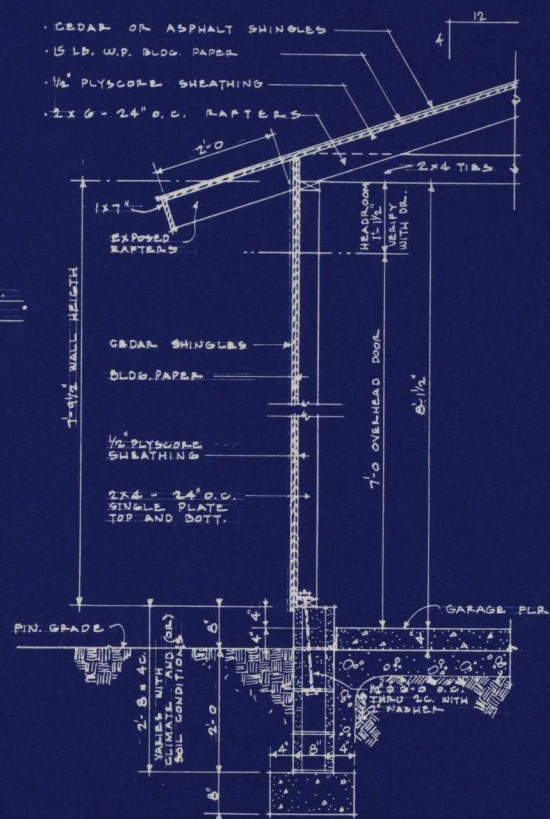
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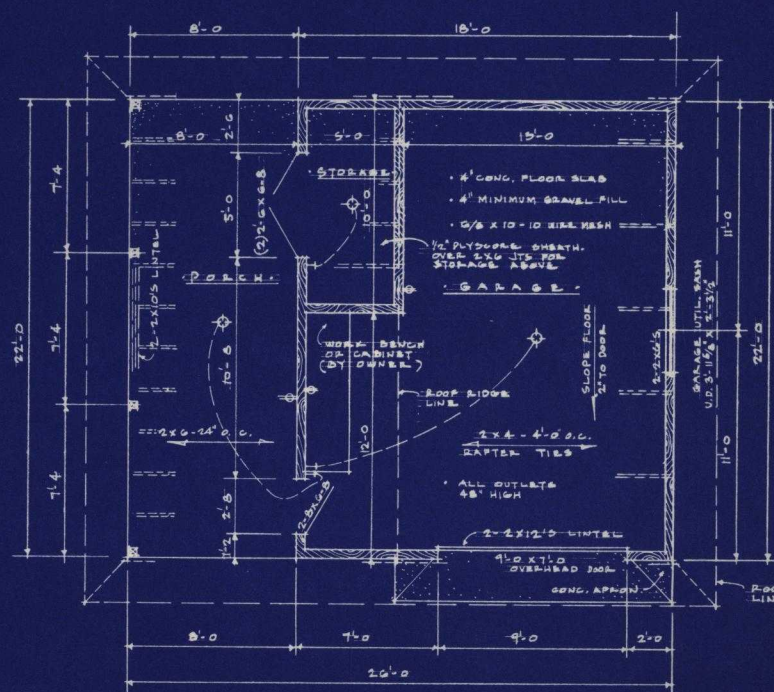
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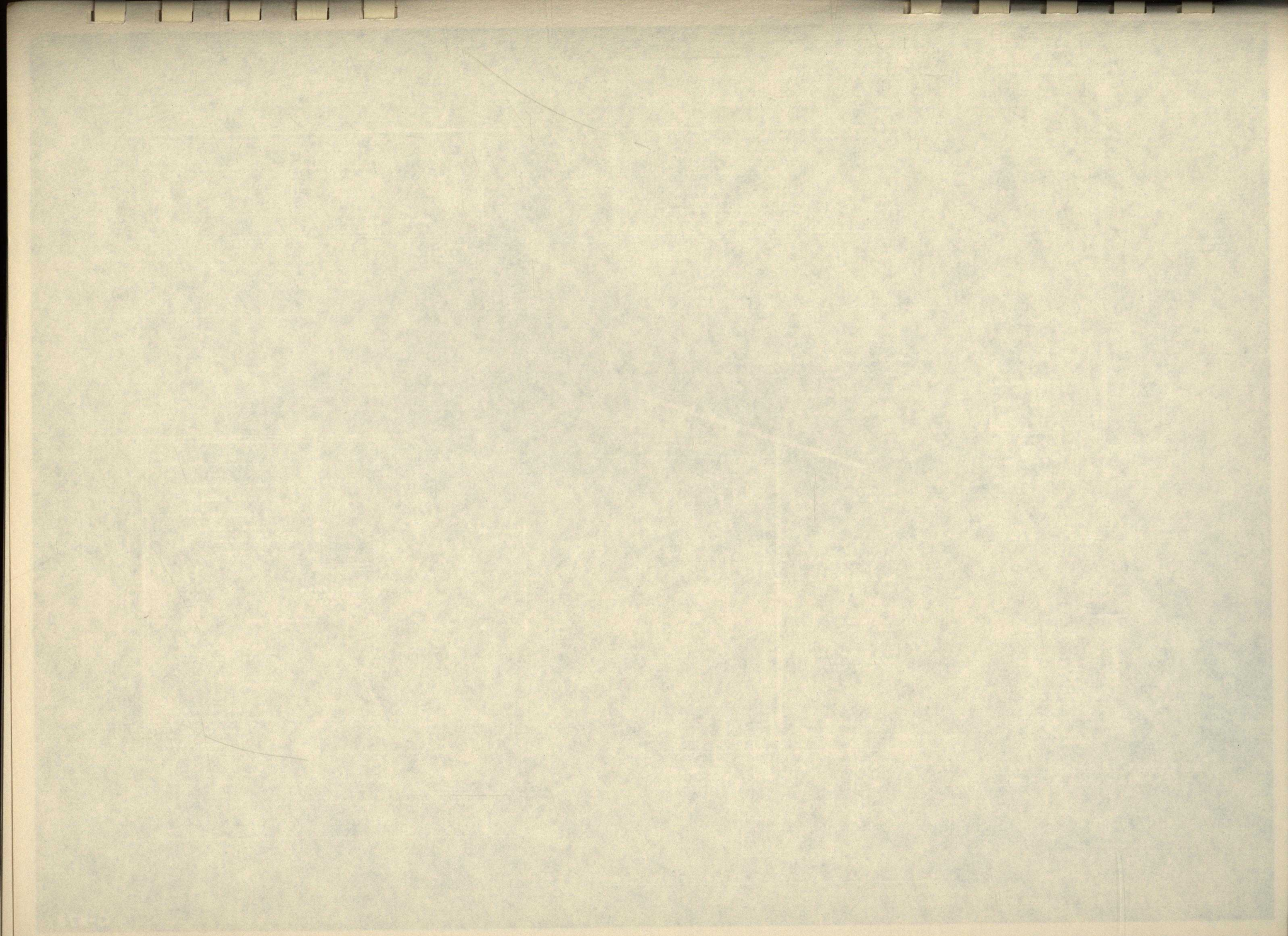


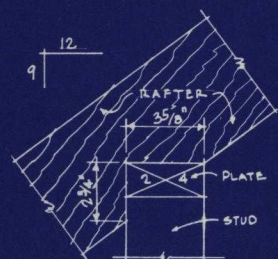
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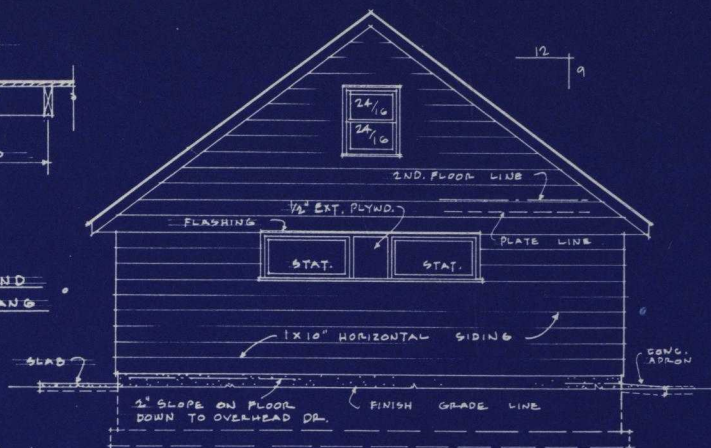
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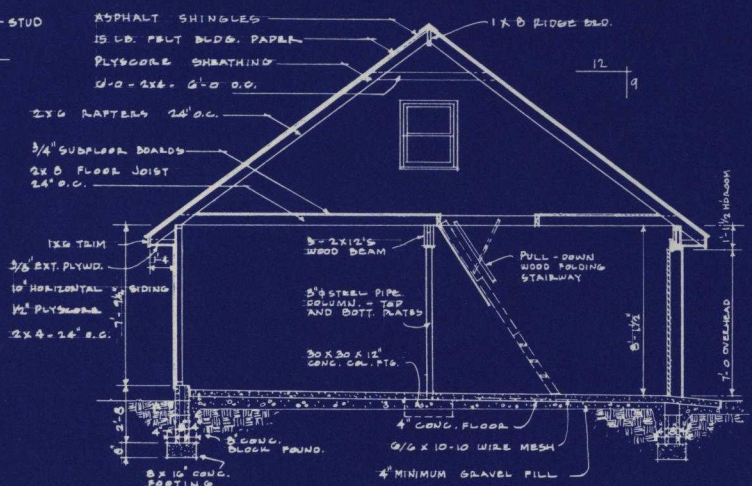




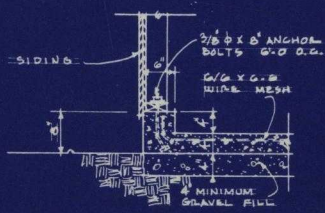
• RAFTER HEEL
CUT PATTERN •



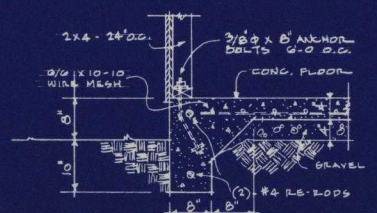
• S I D E E L E V A T I O N -



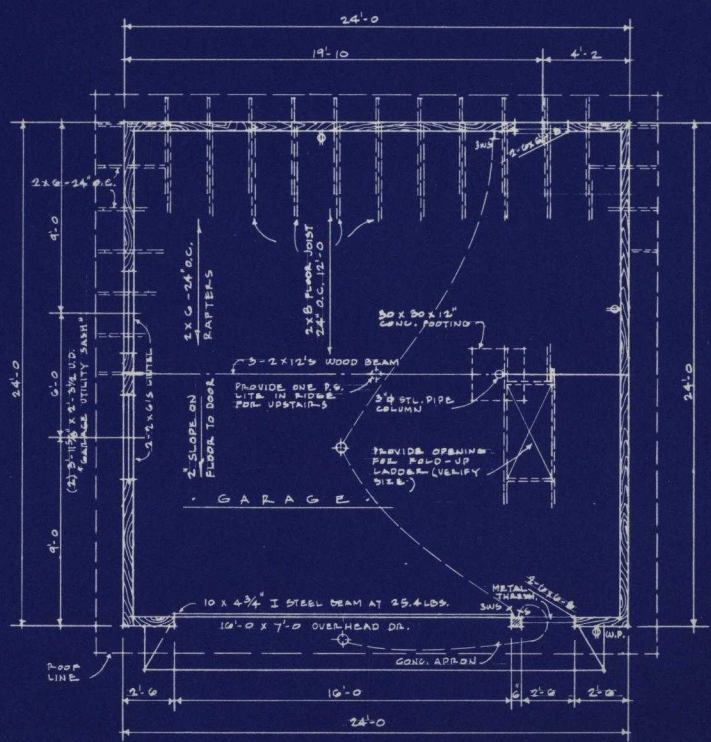
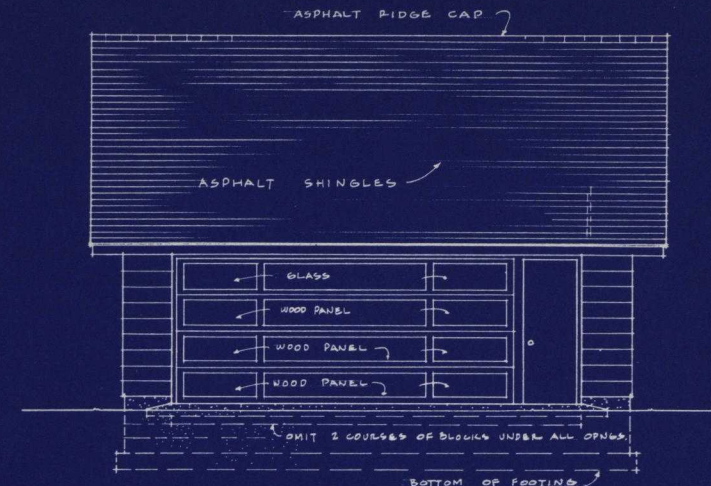
C R O S S S E C T I O N



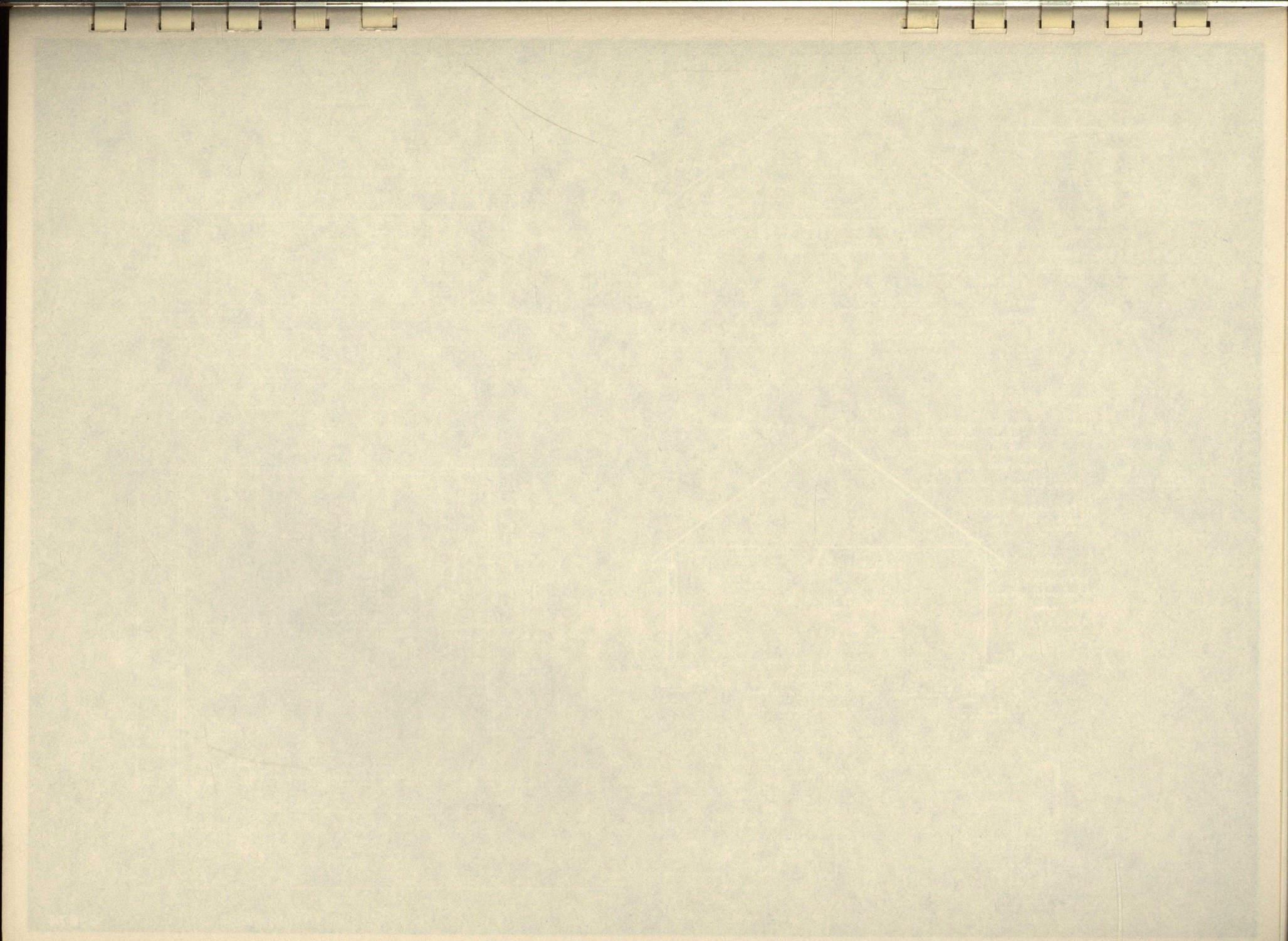
ALTERNATE FOOTING DET.
FLOATING SLAB

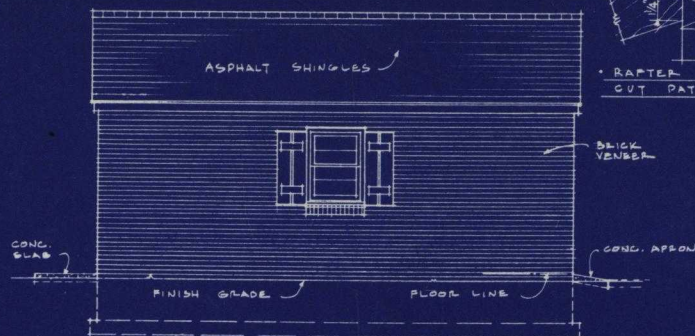
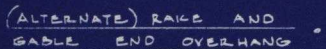


ALTERNATE FOOTING DET.
FLOATING GRADE BEAM

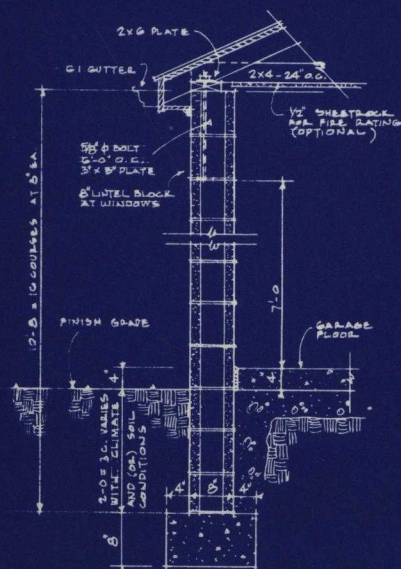
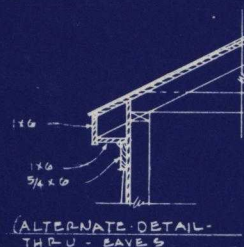
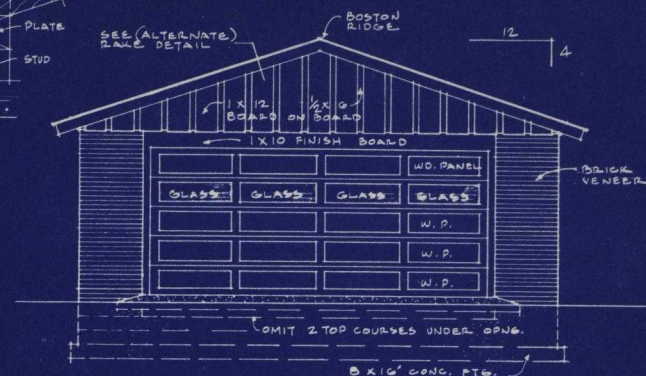
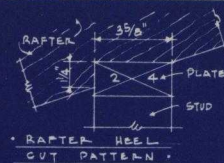


• F L O O R P L A N •

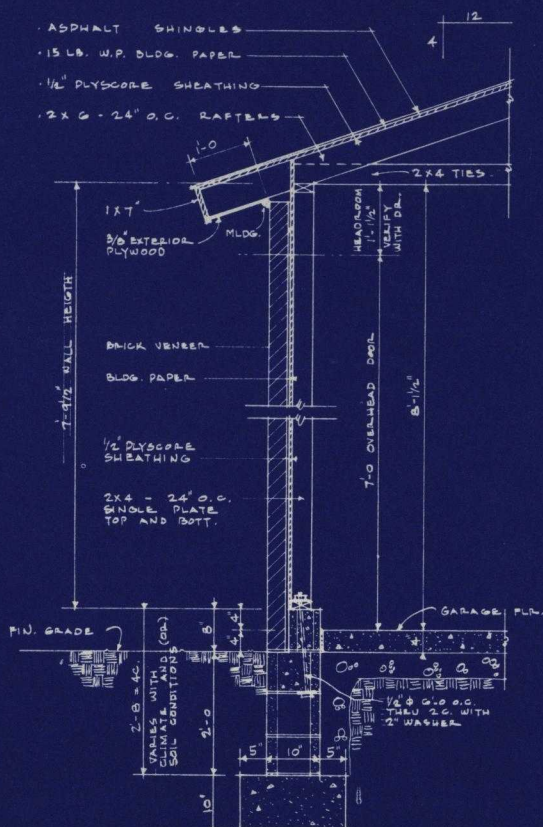




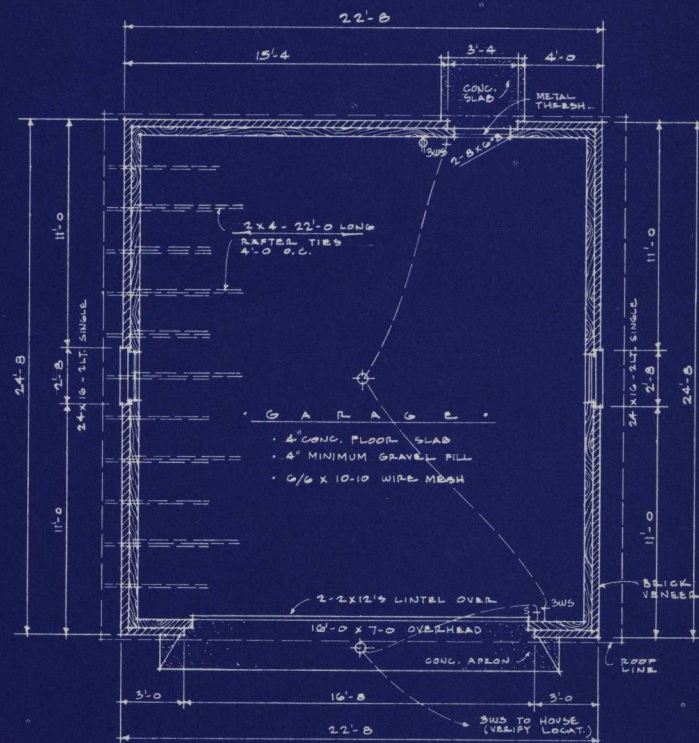
S I D E E L E V .

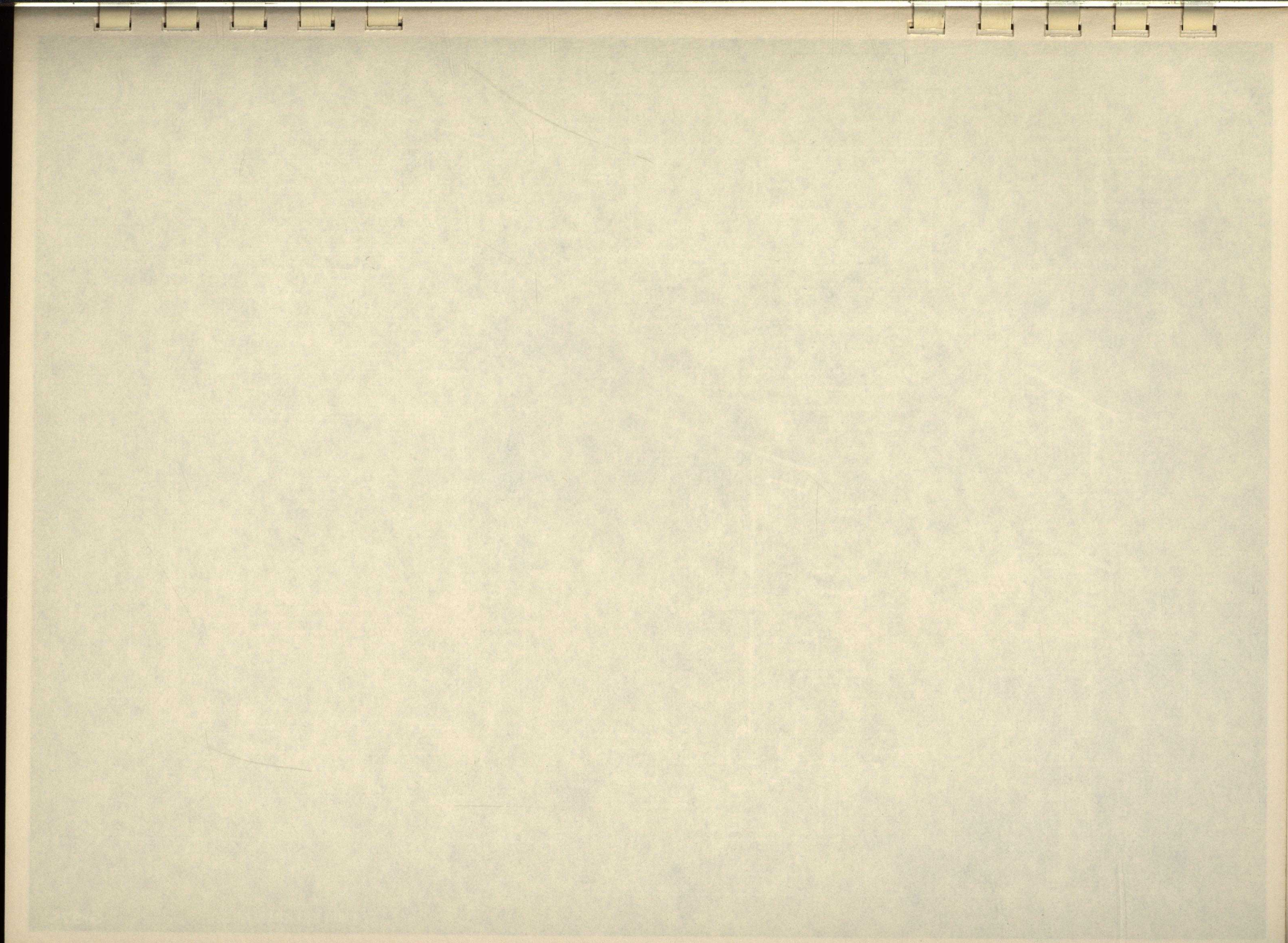


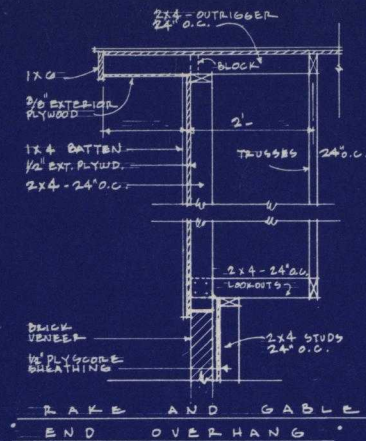
(ALTERNATE WALL SECTION).



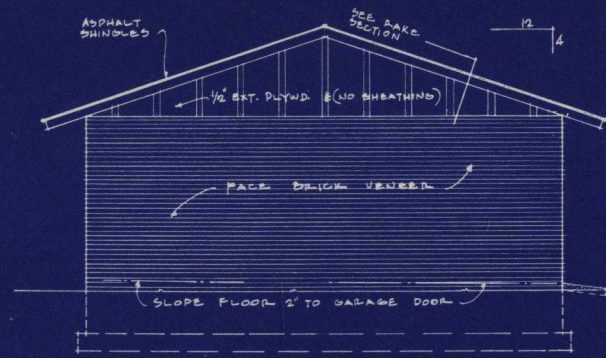
• TYPICAL WALL SECTION •



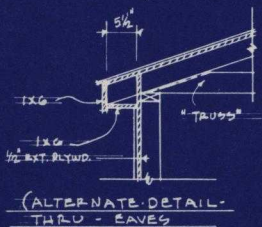
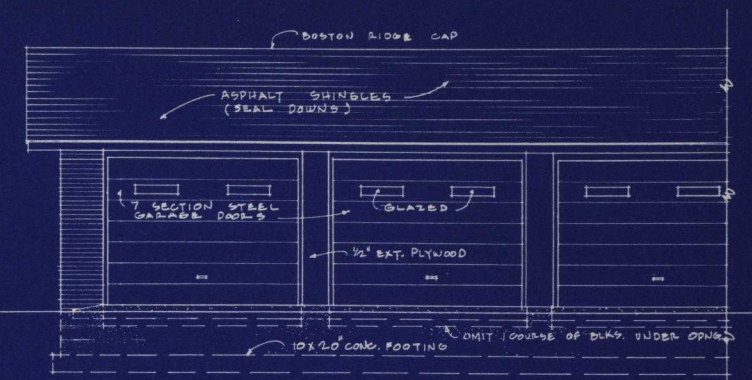




SIDE ELEVATION

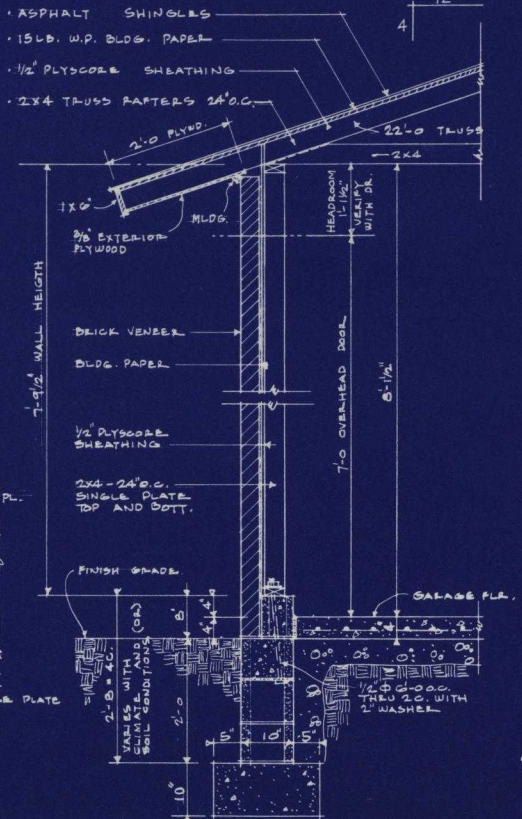


FRONT ELEVATION

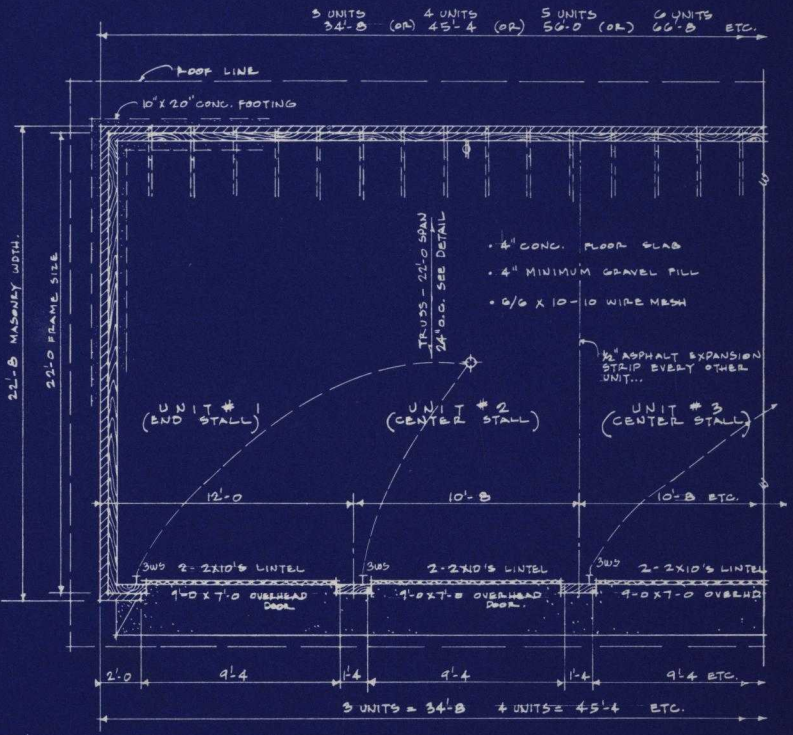


TRUSS DATA

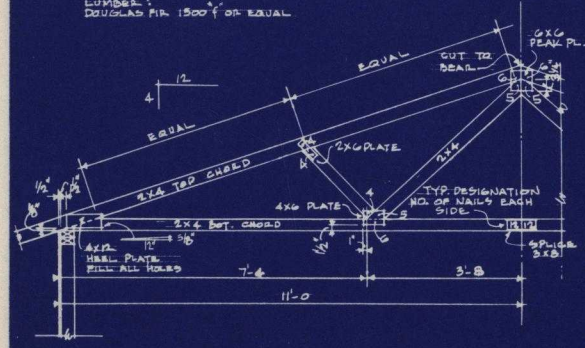
TRUSSES 24' O.C.
 1/2" CAMBER IN FABRICATION
 55 P.S.F. TOTAL LOAD
 PLATES BY:
 INTERNATIONAL TRUSS PLATE CORP.
 PORT LAUDSDALE, PA. (P.O. 700)
 LUMBER:
 DOUGLAS FIR 1500 F OR EQUAL



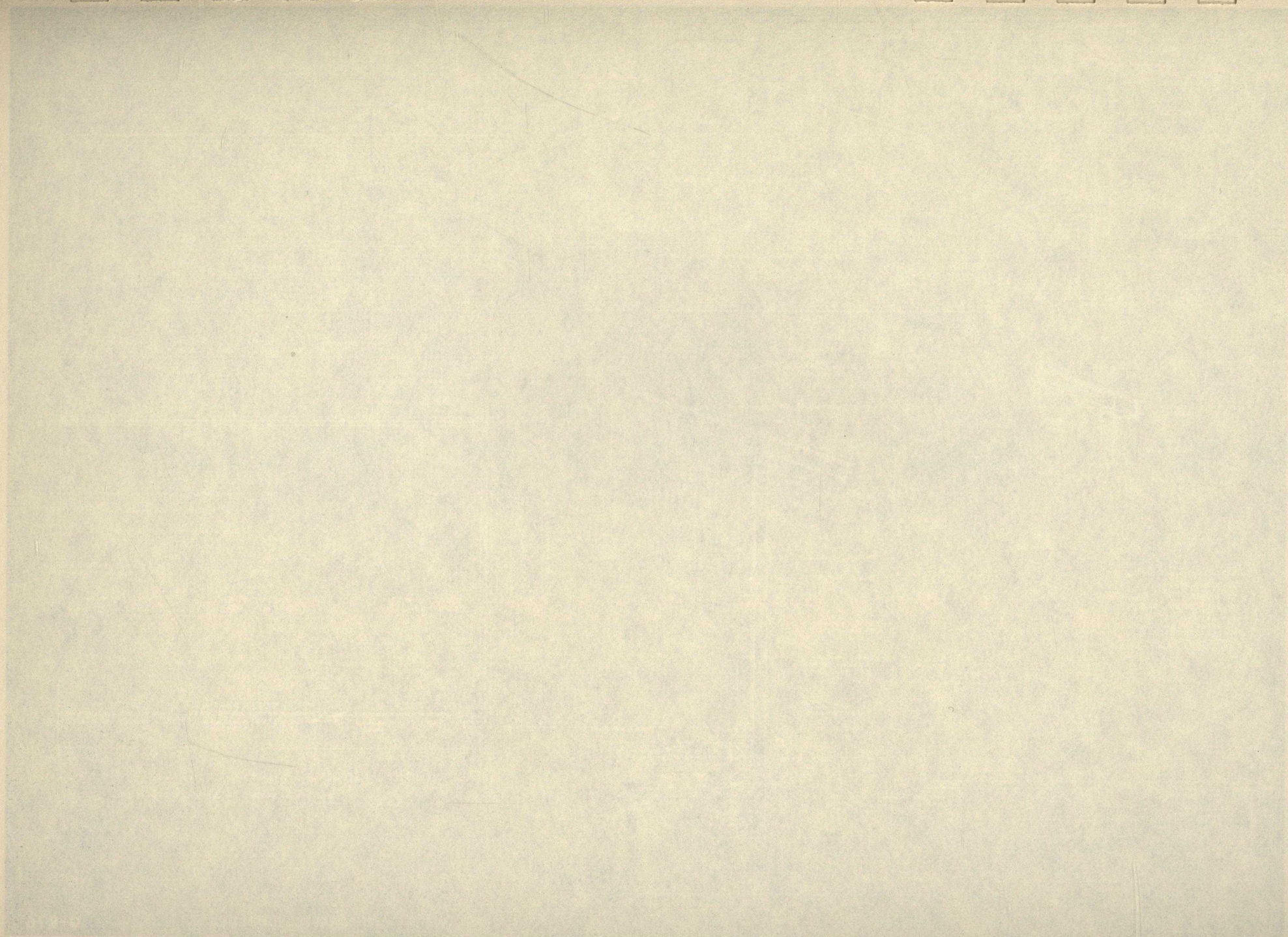
TYPICAL WALL SECTION



FLOOR PLAN (MULTI-UNIT GARAGE)

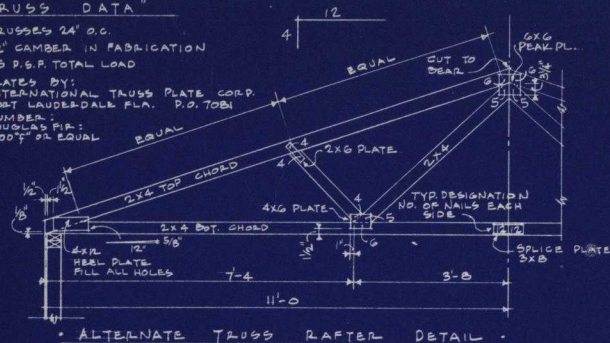


TRUSS RAFTER DETAIL

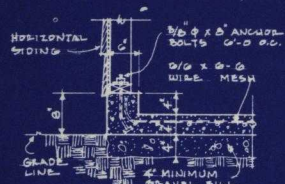


TRUSS DATA

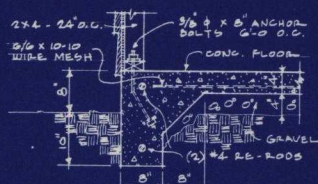
TRUSSES 24' O.C.
1/8" CAMBER IN FABRICATION
55 P.S.F. TOTAL LOAD
PLATES BY:
INTERNATIONAL TRUSS PLATE CORP.
POST LAUDERDALE FLA. P.O. 7081
LUMBER:
DOUGLAS FIR:
1300F OR EQUAL



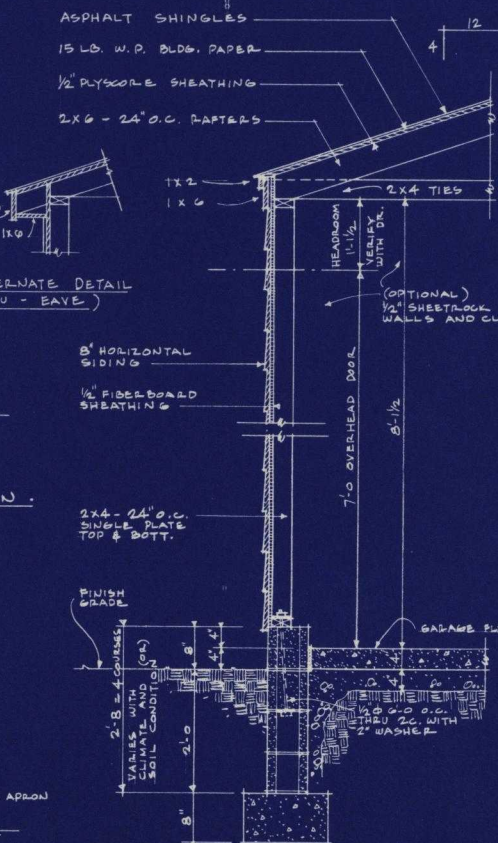
ALTERNATE TRUSS RAFTER DETAIL



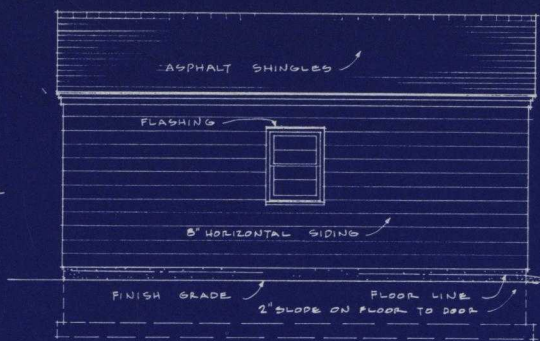
ALTERNATE FOOTING DETAIL
FLOATING SLAB



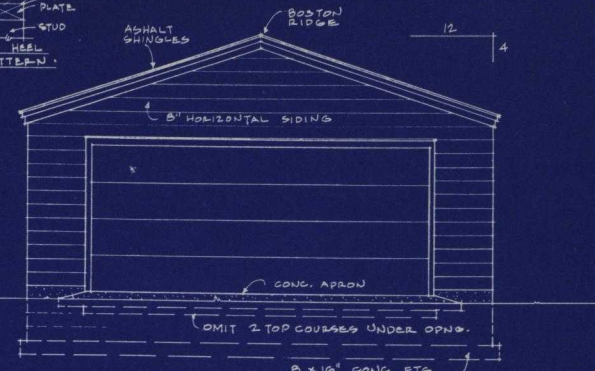
ALTERNATE FOOTING DETAIL
FLOATING GRADE BEAM



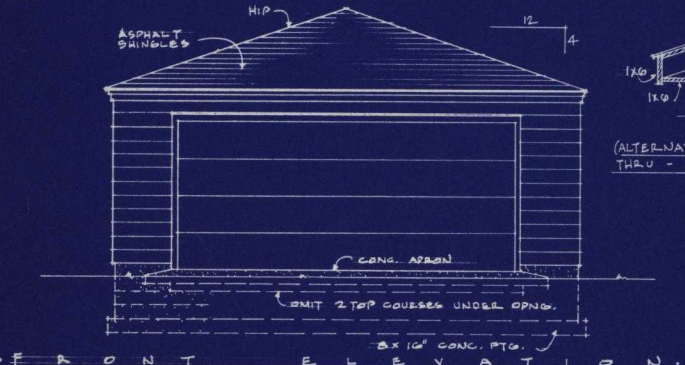
TYPICAL WALL SECTION



SIDE ELEVATION



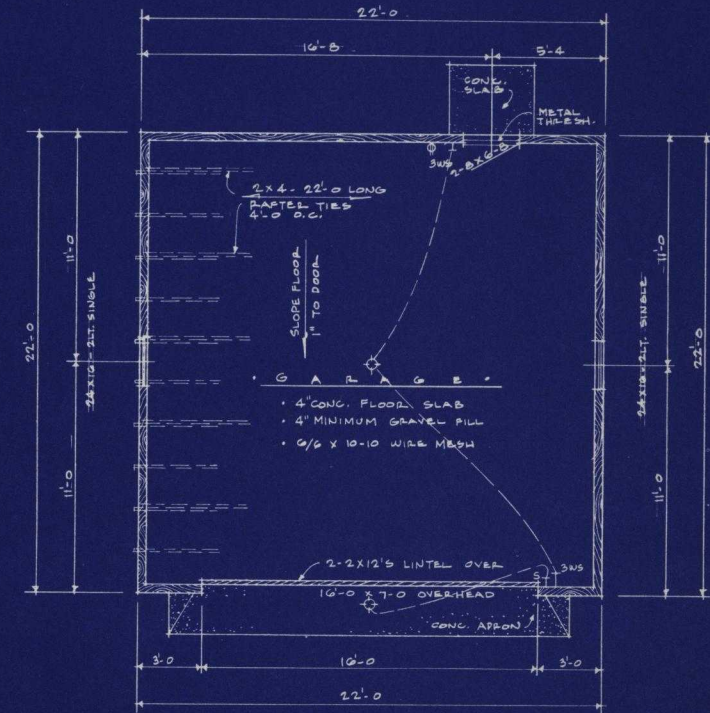
FRONT ELEVATION



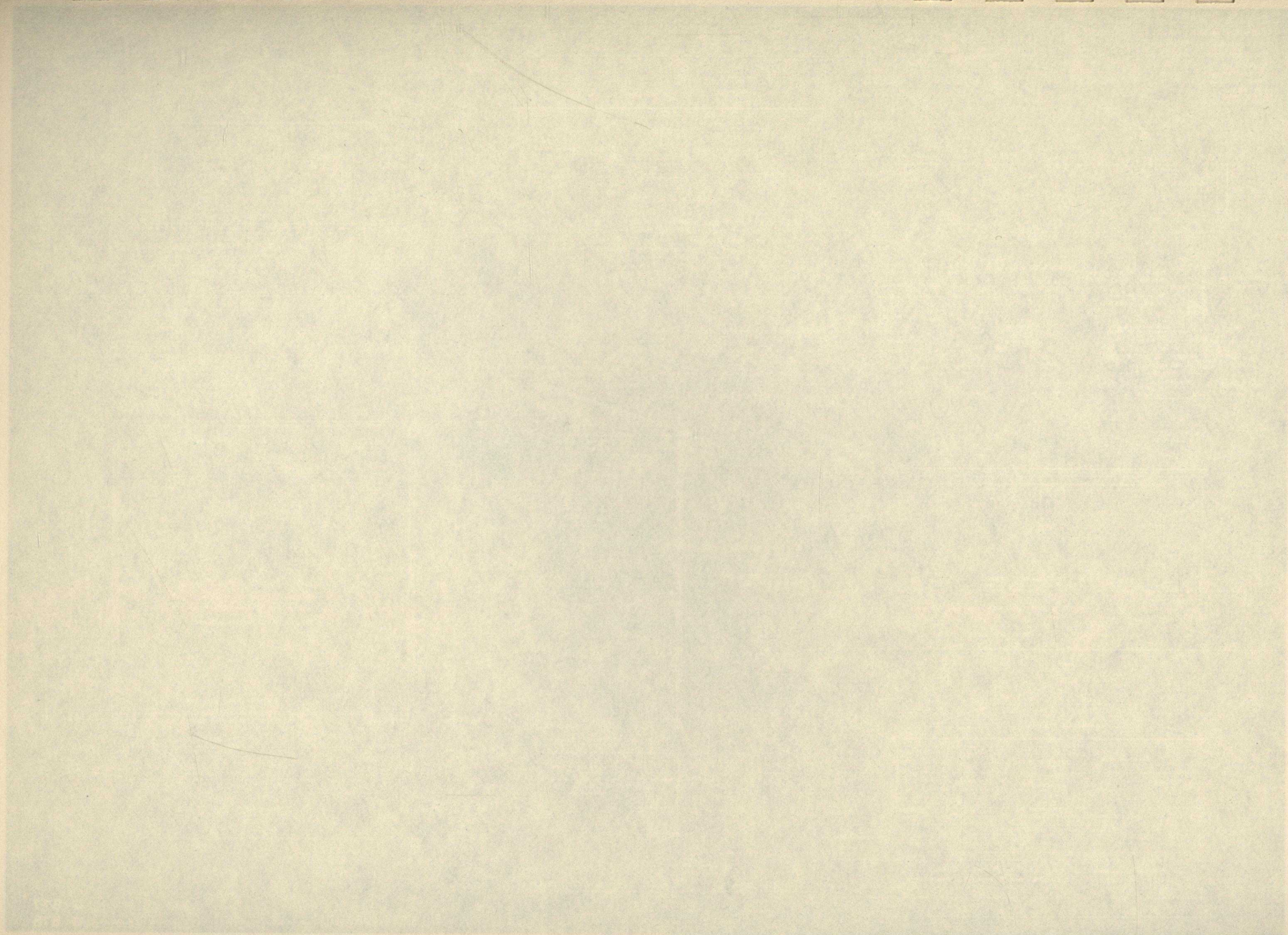
FRONT ELEVATION

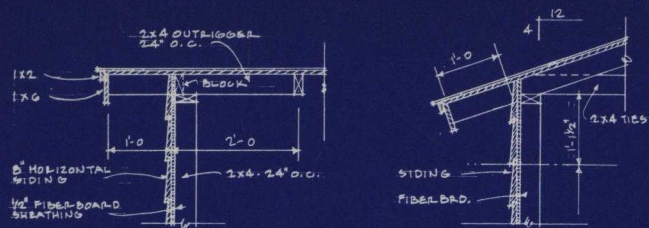


SIDE ELEVATION

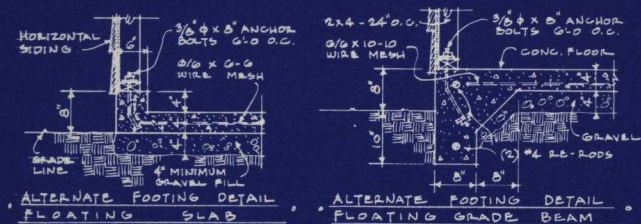


FLOOR PLAN

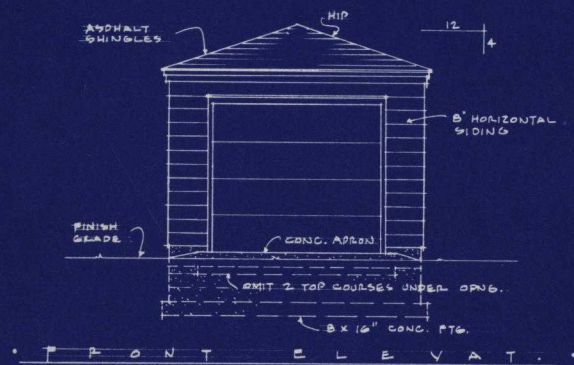




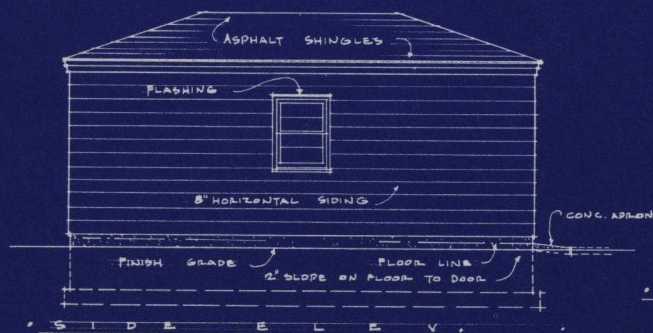
(ALTERNATE) RAKE DETAIL (ALTERNATE) EAVE DETAIL



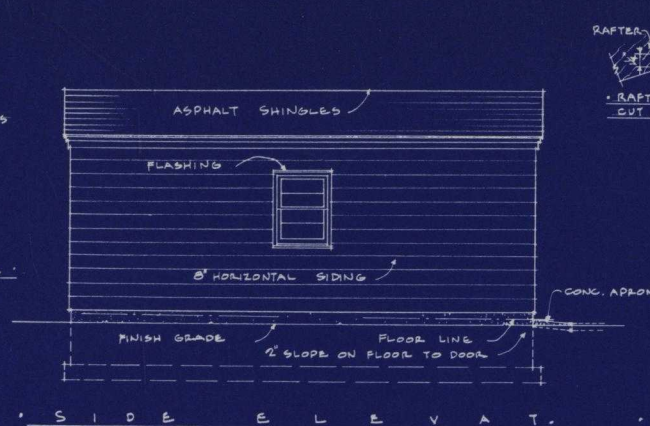
ALTERNATE FOOTING DETAIL FLOATING SLAB ALTERNATE FOOTING DETAIL FLOATING GRADE BEAM



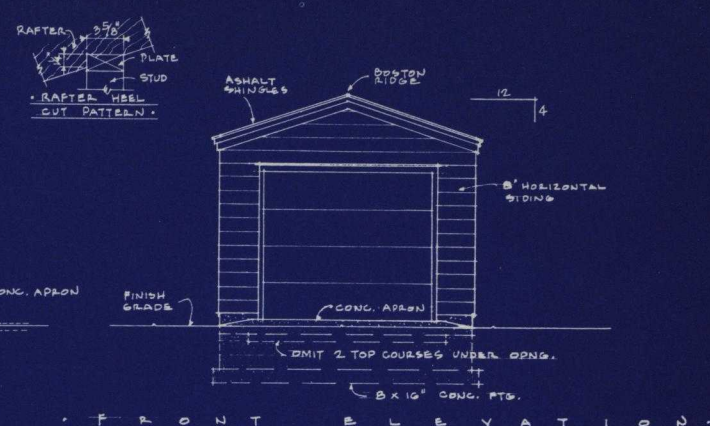
FRONT ELEVATION



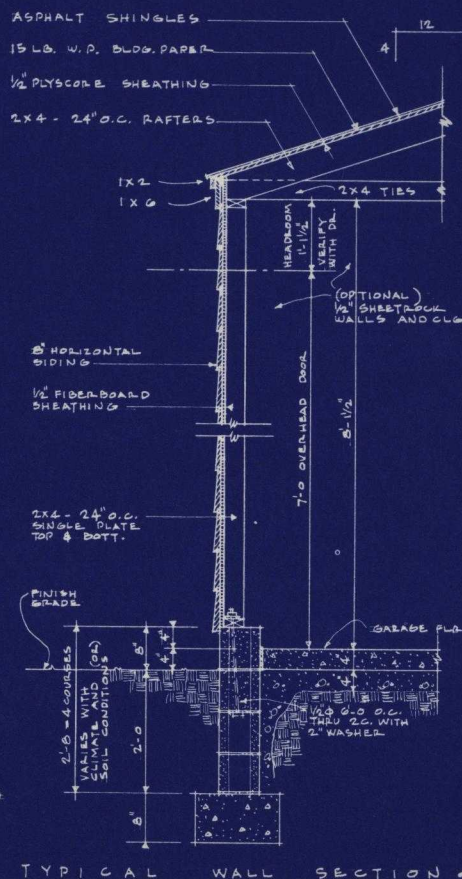
SIDE ELEVATION



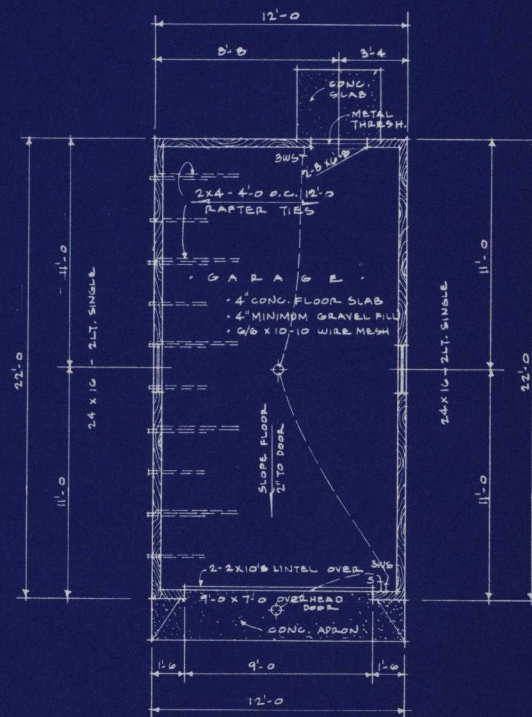
SIDE ELEVATION



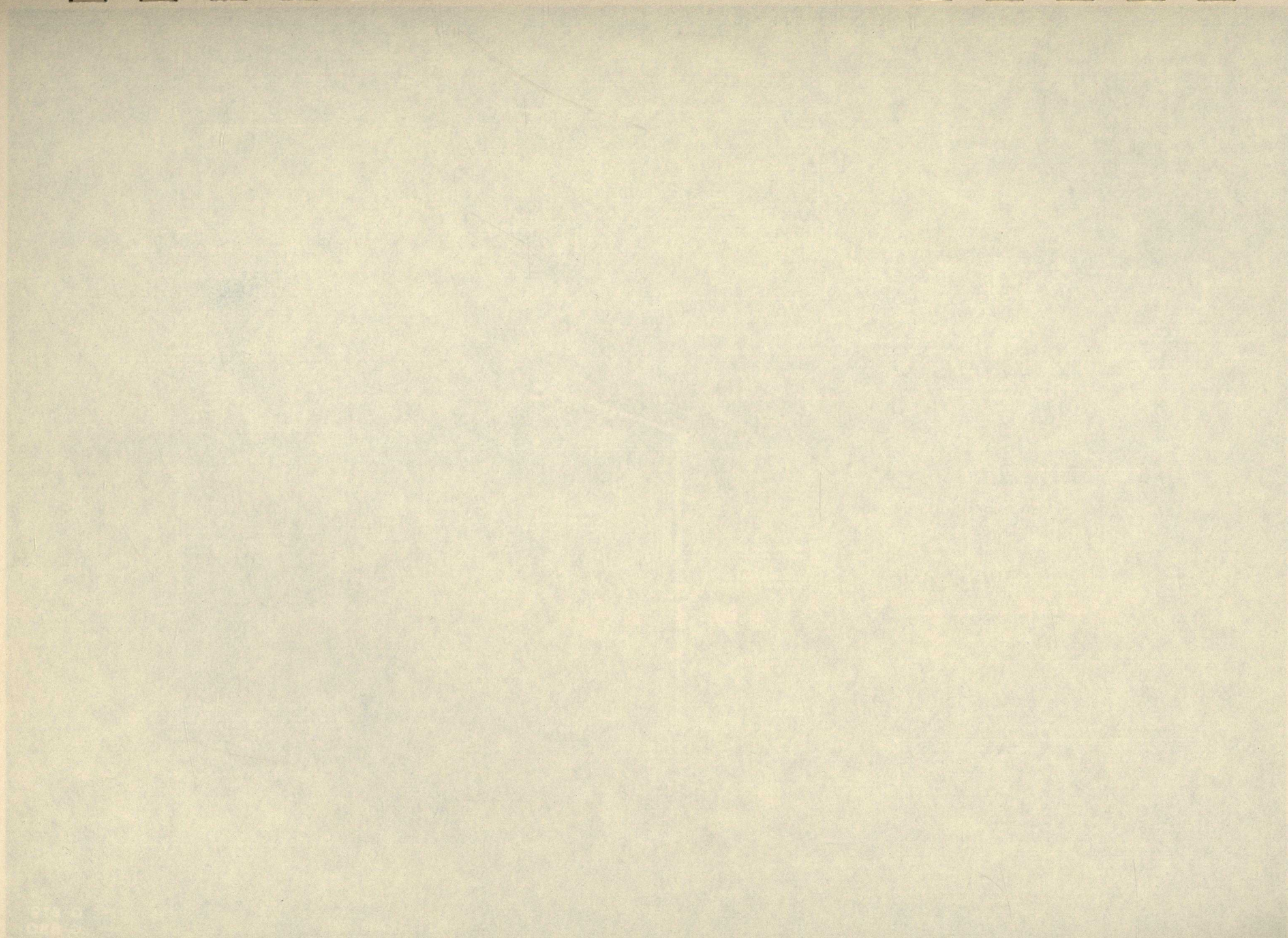
FRONT ELEVATION

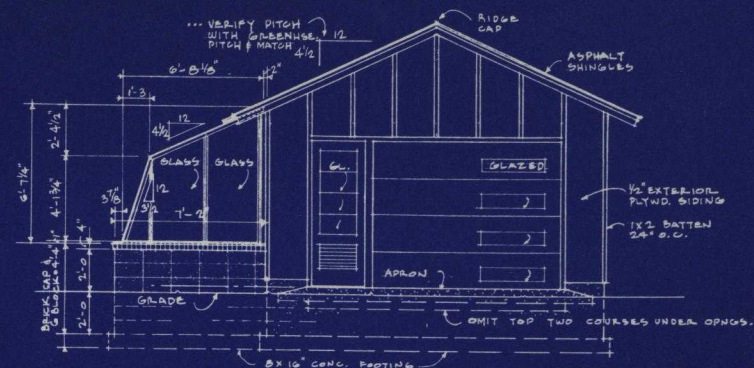
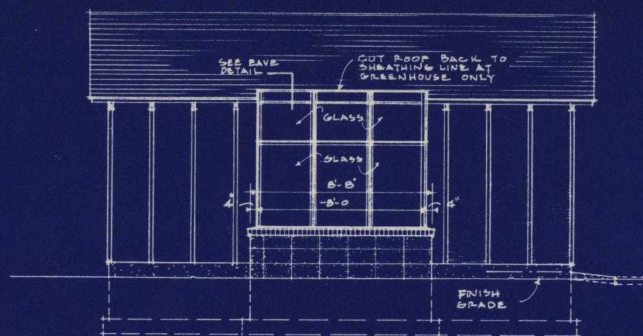
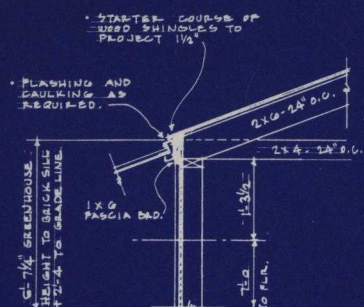


TYPICAL WALL SECTION

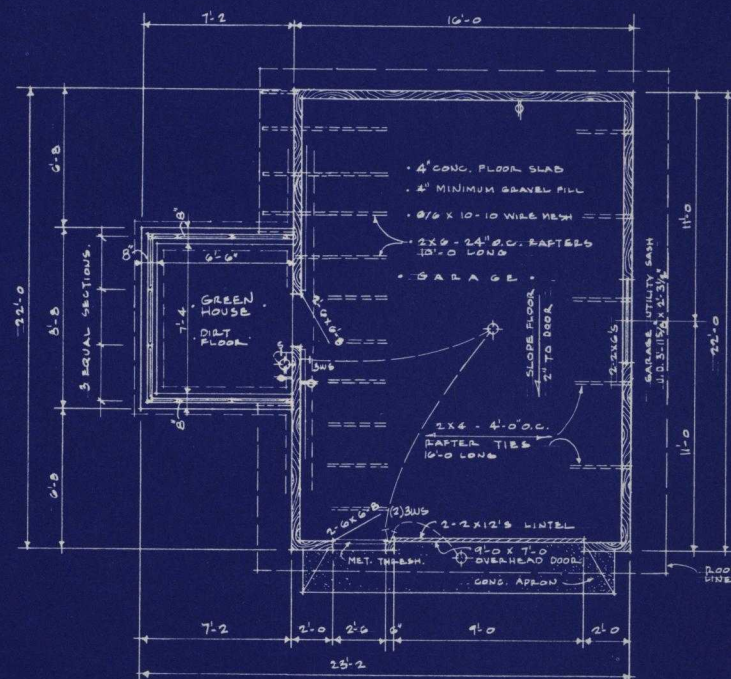
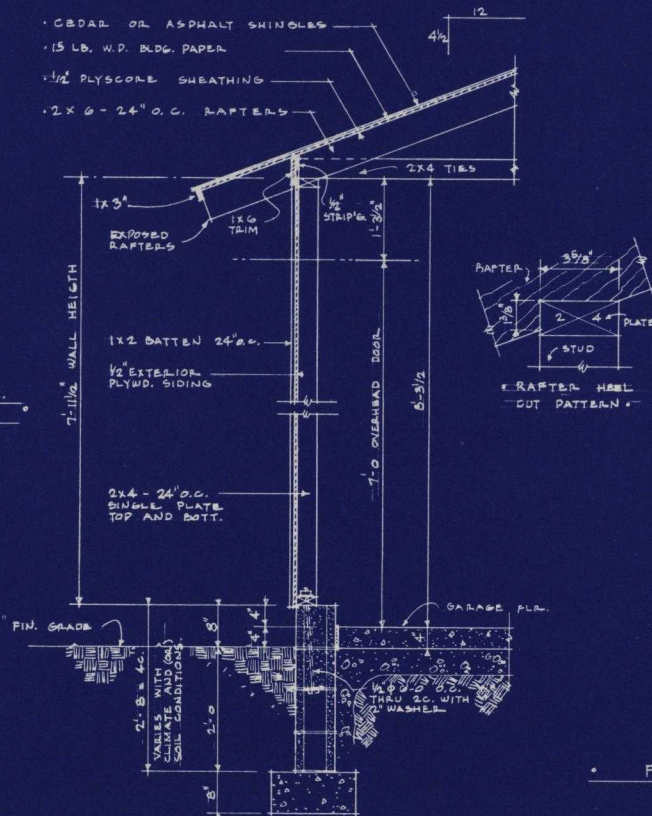
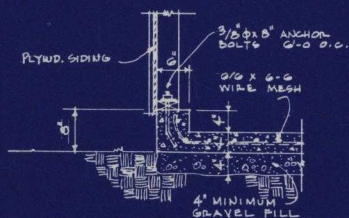
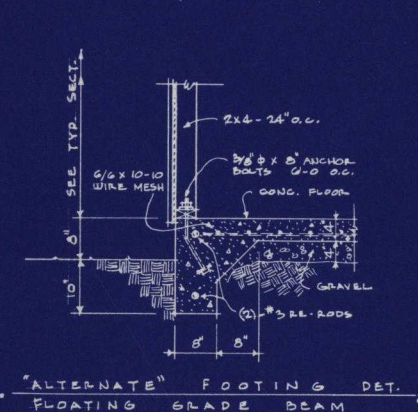


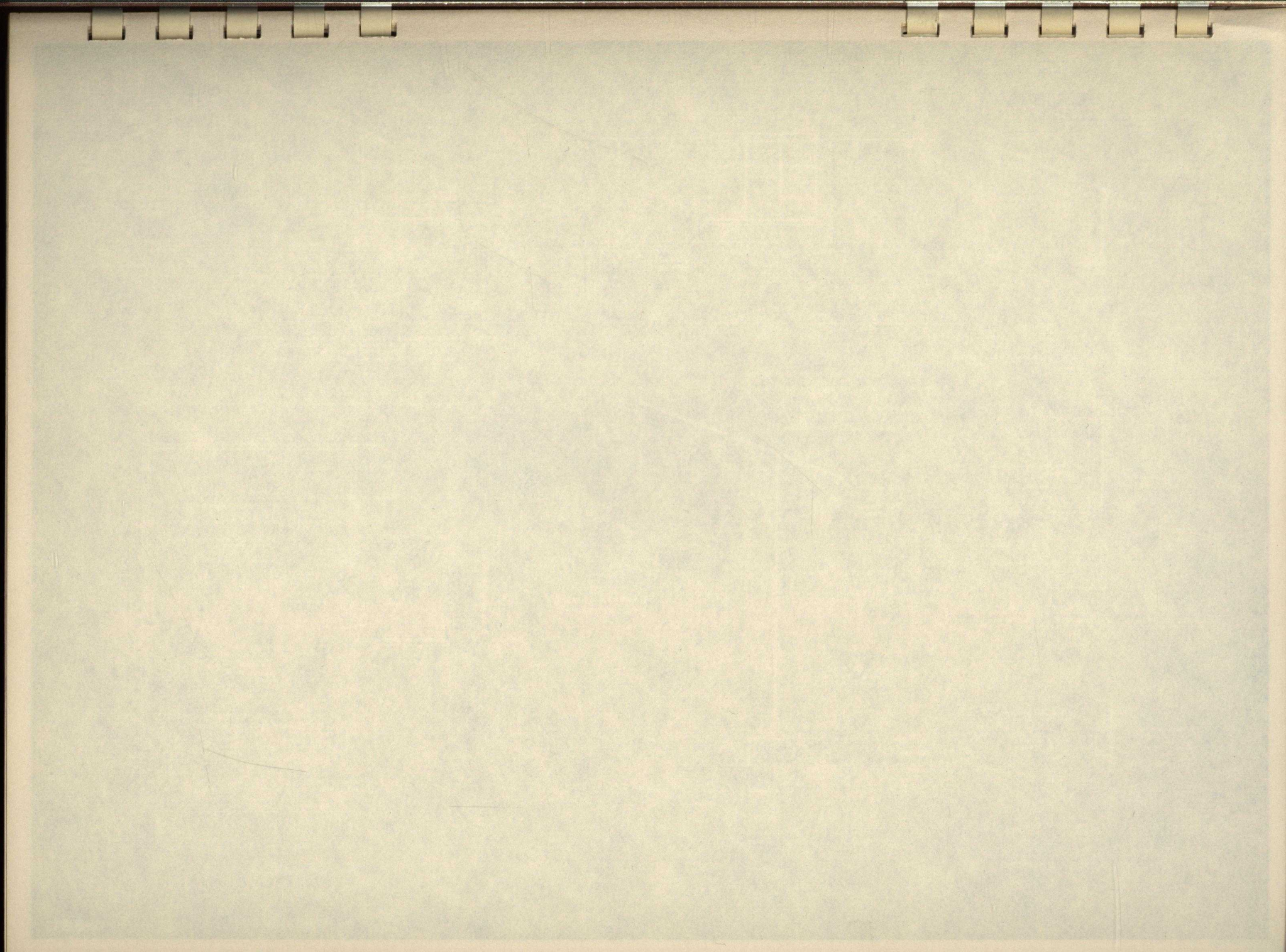
FLOOR PLAN

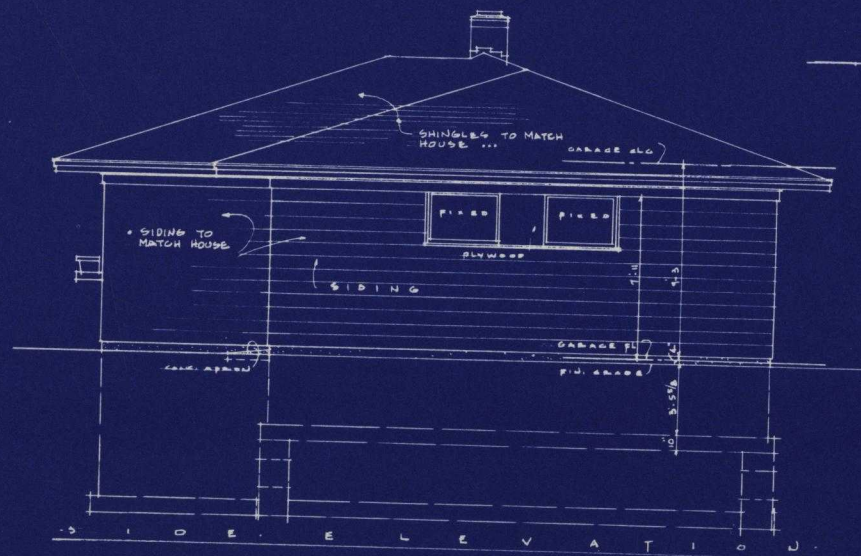
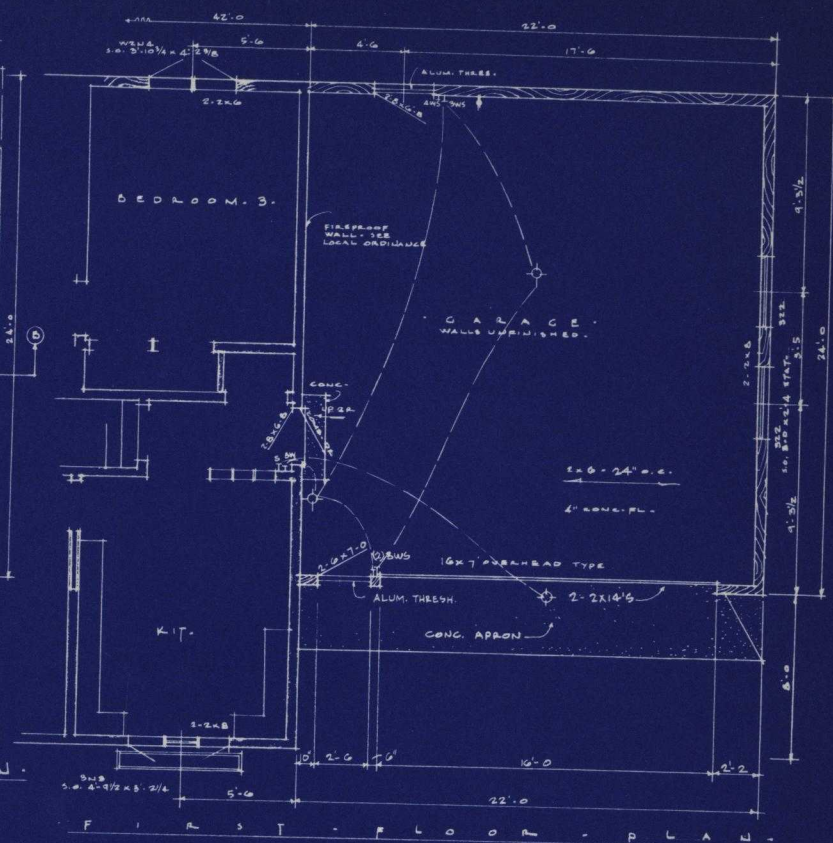
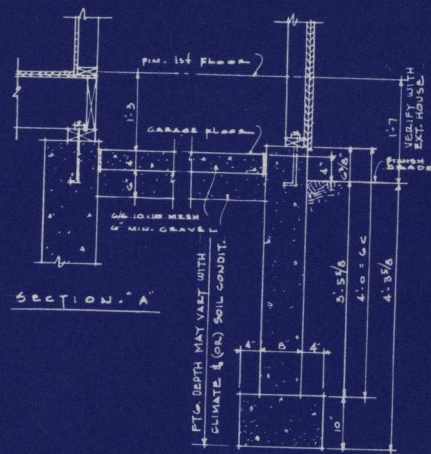


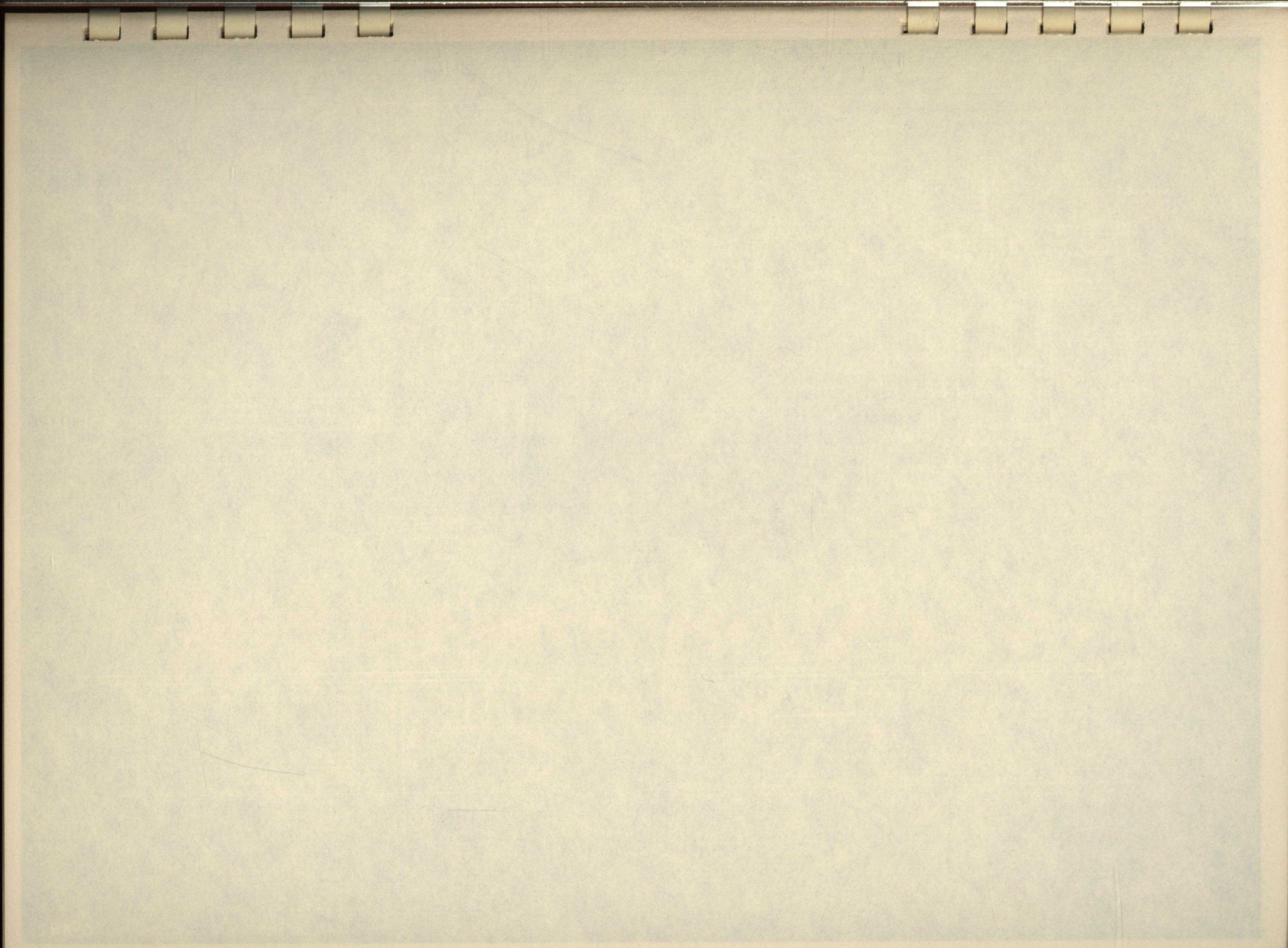


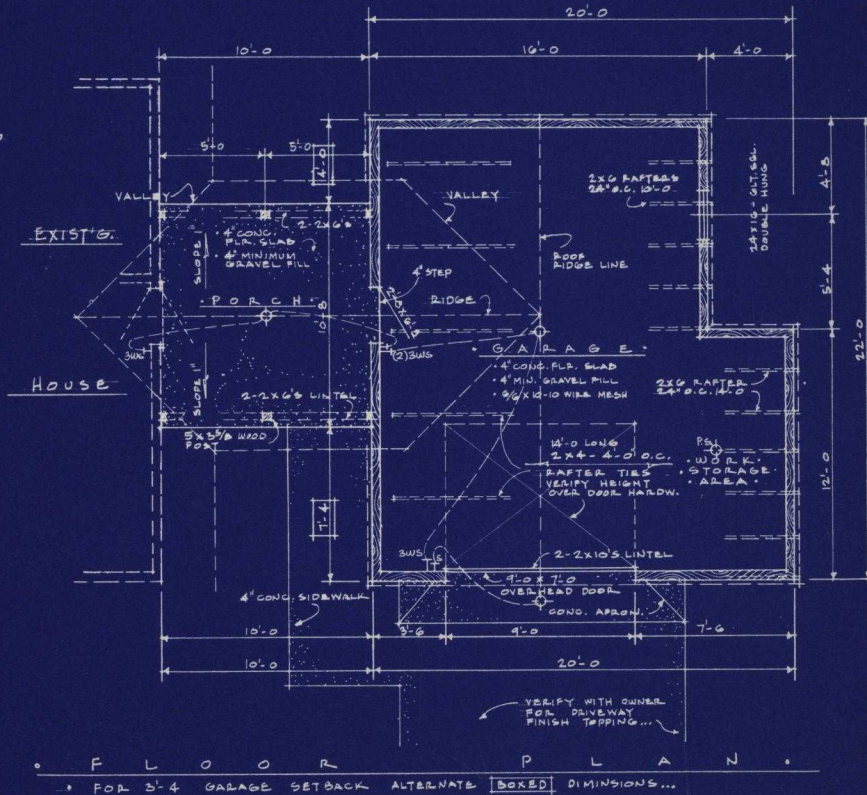
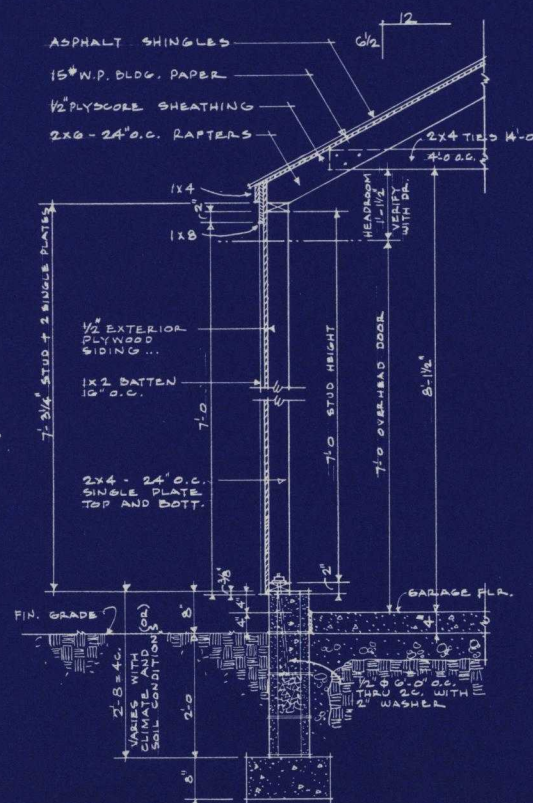
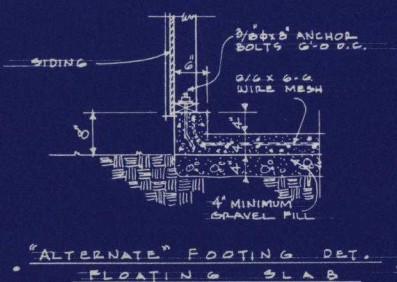
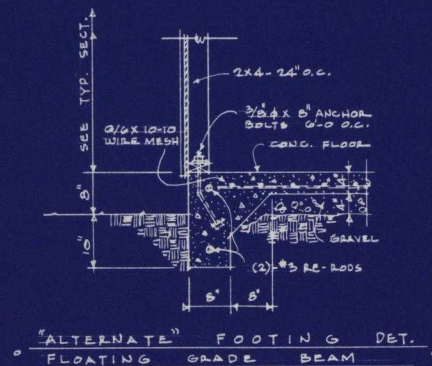
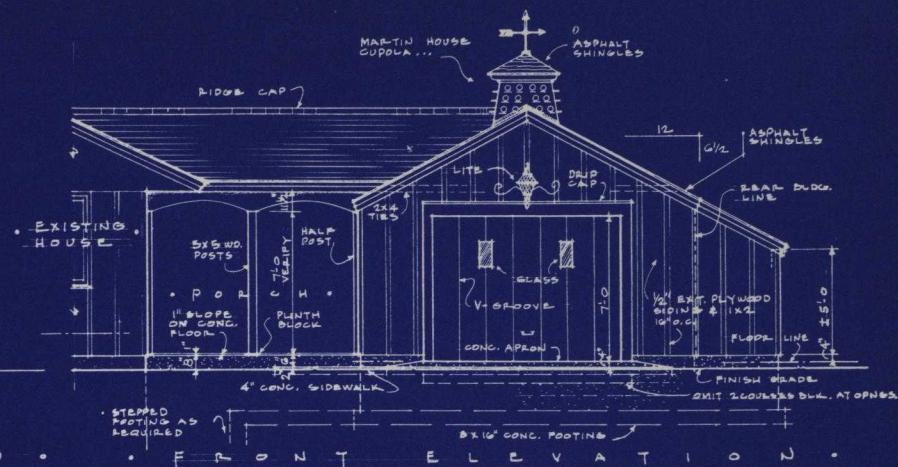
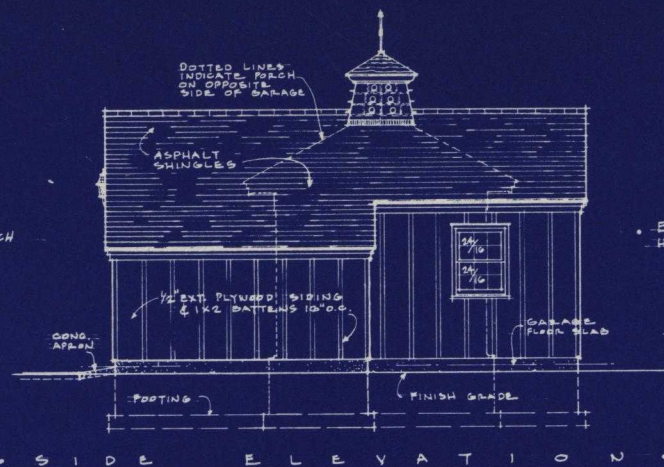
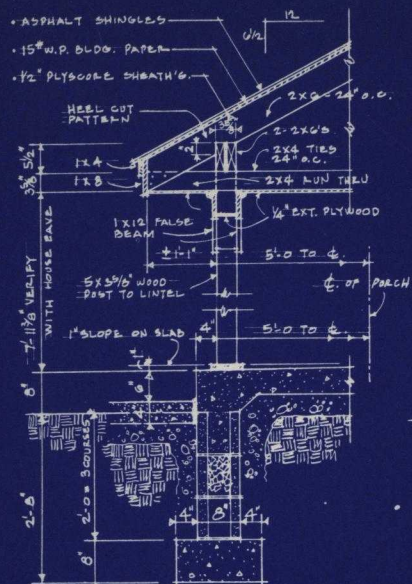
NOTE: GREENHOUSE SHOWN IS A STOCK UNIT MEASURED
BY "LORD & BURHAM" IRVINGTON, N.Y.
MODEL NO. "ORLYT LEAN-TO 7"
SEND FOR PRICES AND ASSEMBLY PLANS

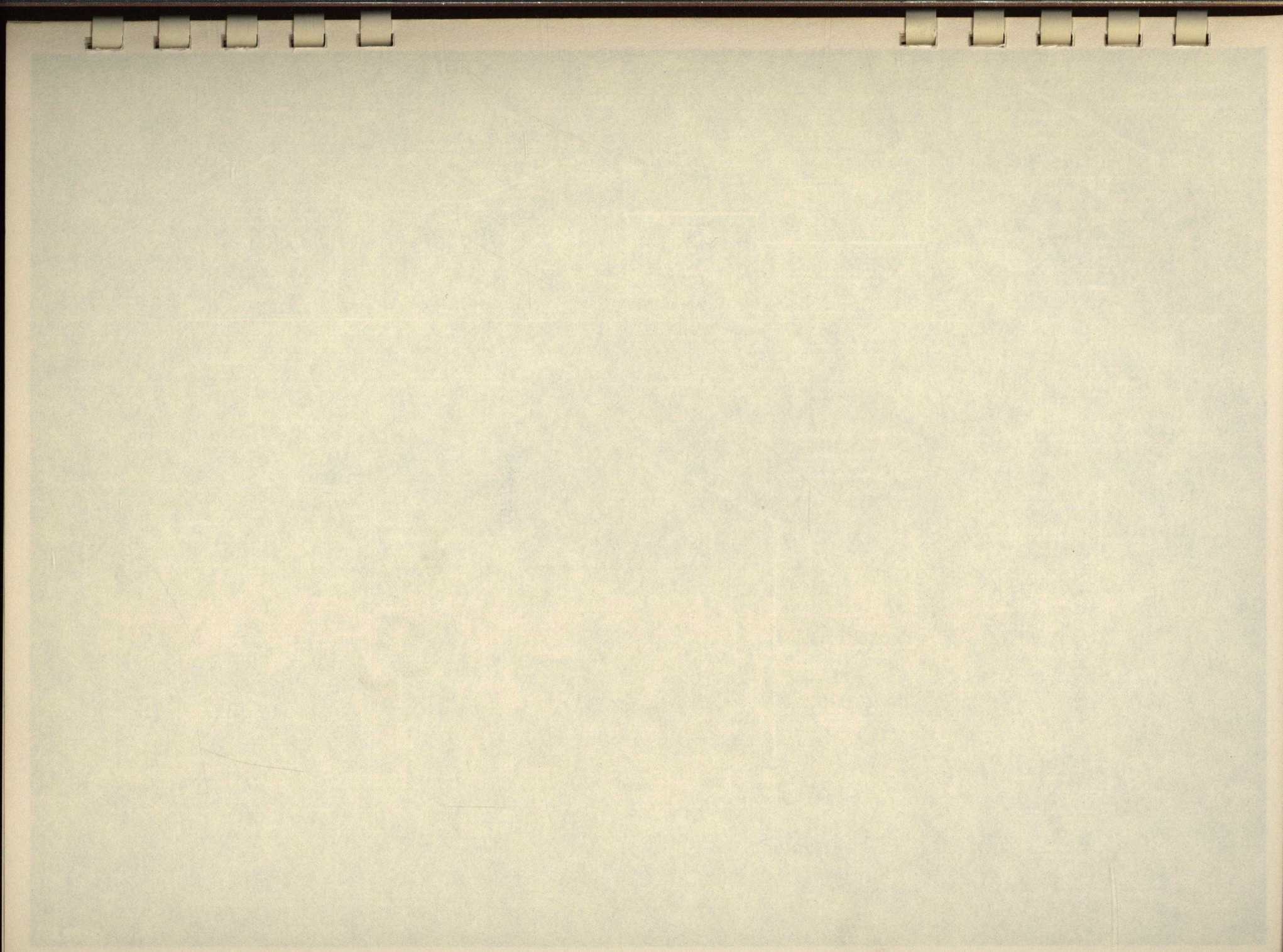


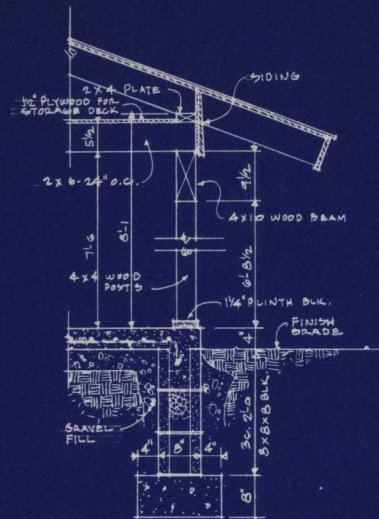




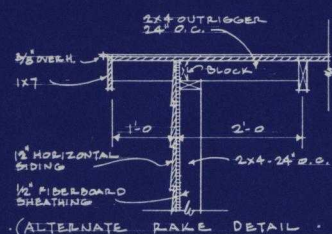




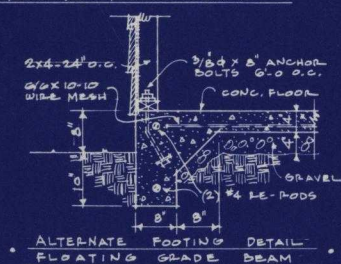




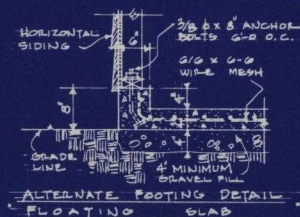
• SECTION THRU CARPORT •



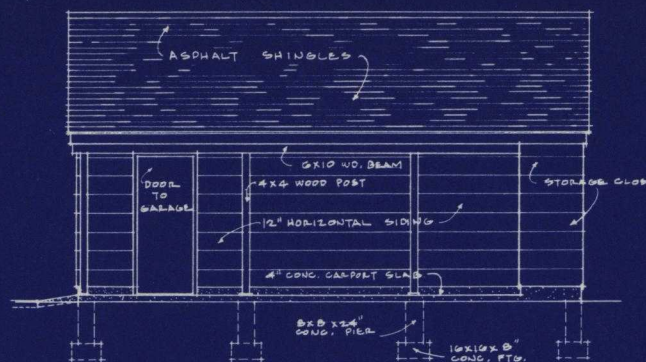
• (ALTERNATE RAKE DETAIL) •



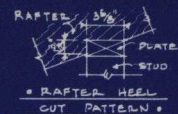
• ALTERNATE FOOTING DETAIL - FLOATING GRADE BEAM •



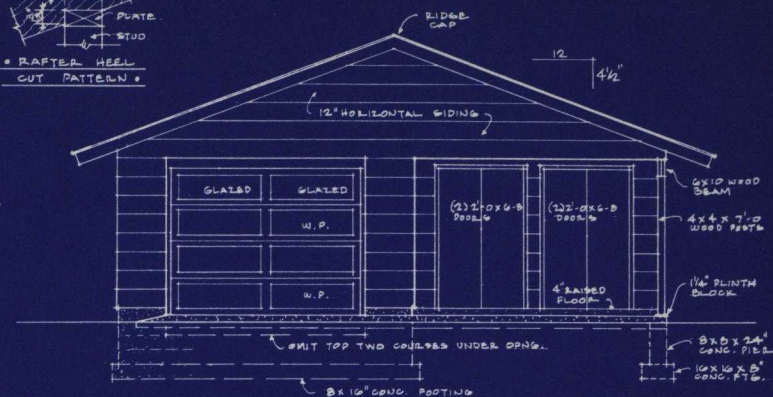
• ALTERNATE FOOTING DETAIL - FLOATING SLAB •



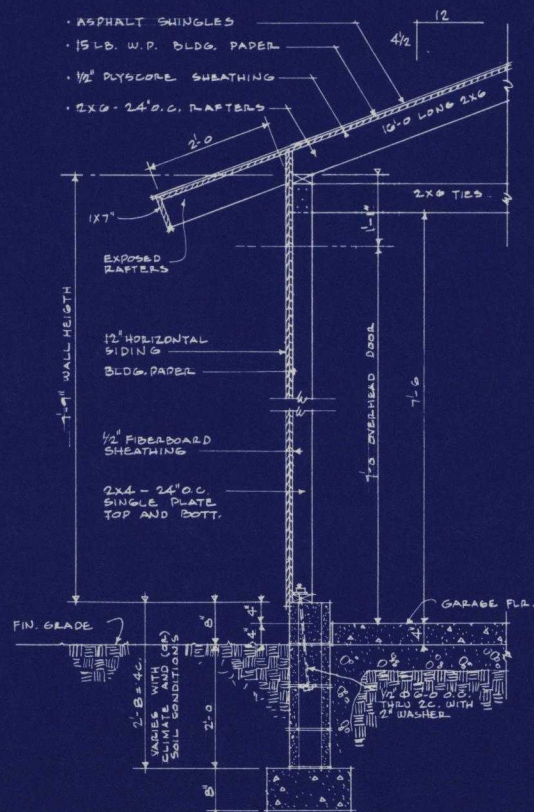
• SIDE ELEVATION •



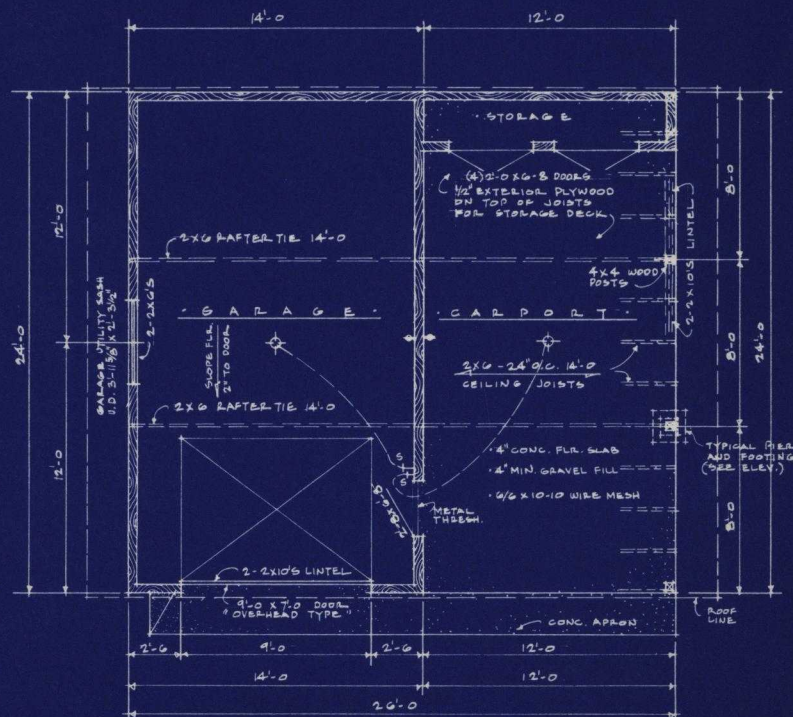
• RAFTER HEEL CUT PATTERN •



• FRONT ELEVATION •



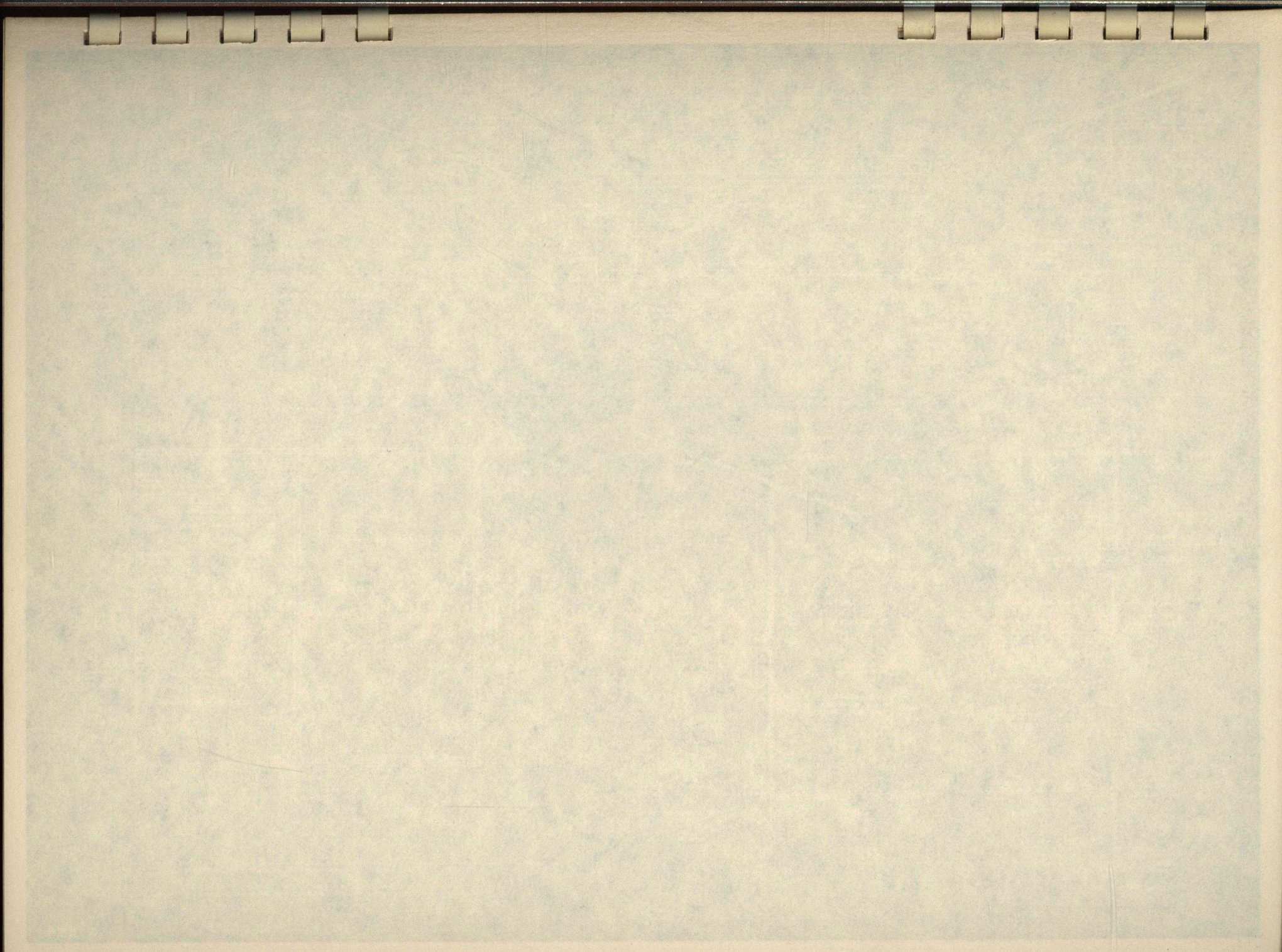
• TYPICAL WALL SECTION •

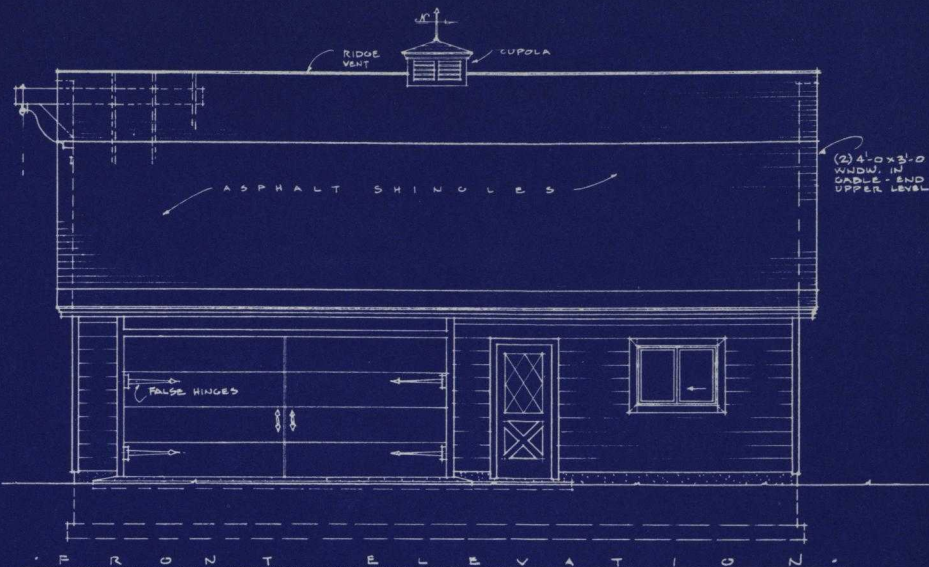
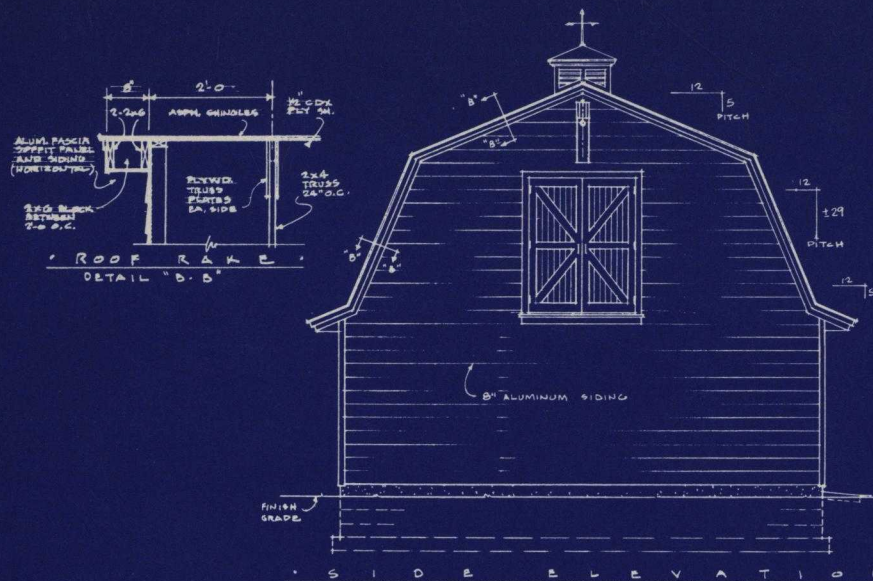


• FLOOR PLAN •

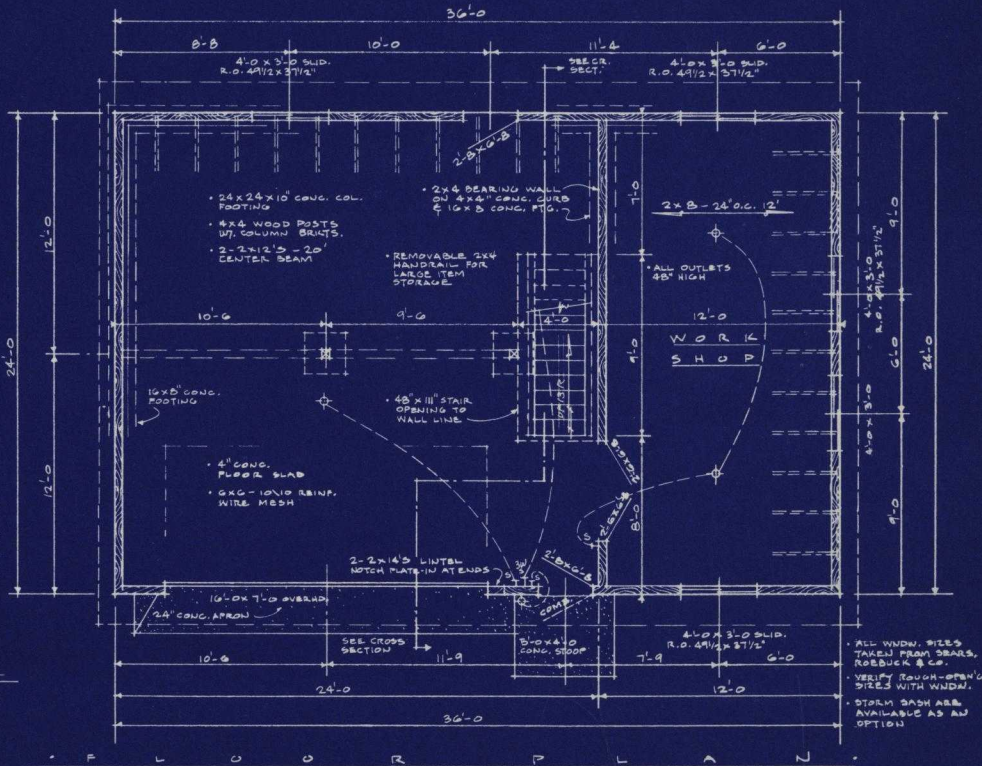
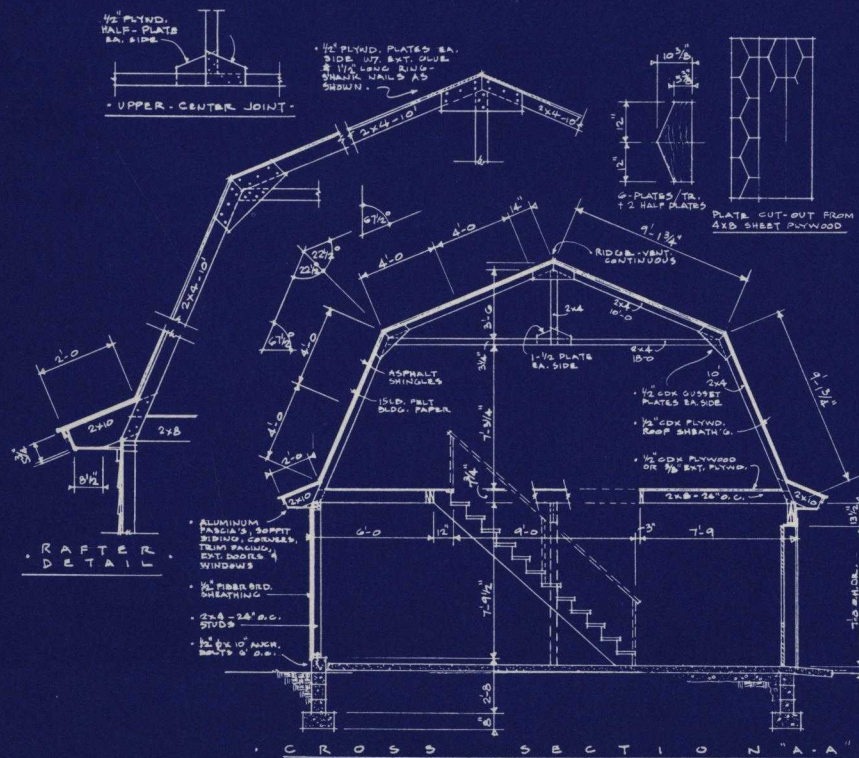
• VERIFY SIZE AND FINISH ON DRIVEWAY WITH OWNER •

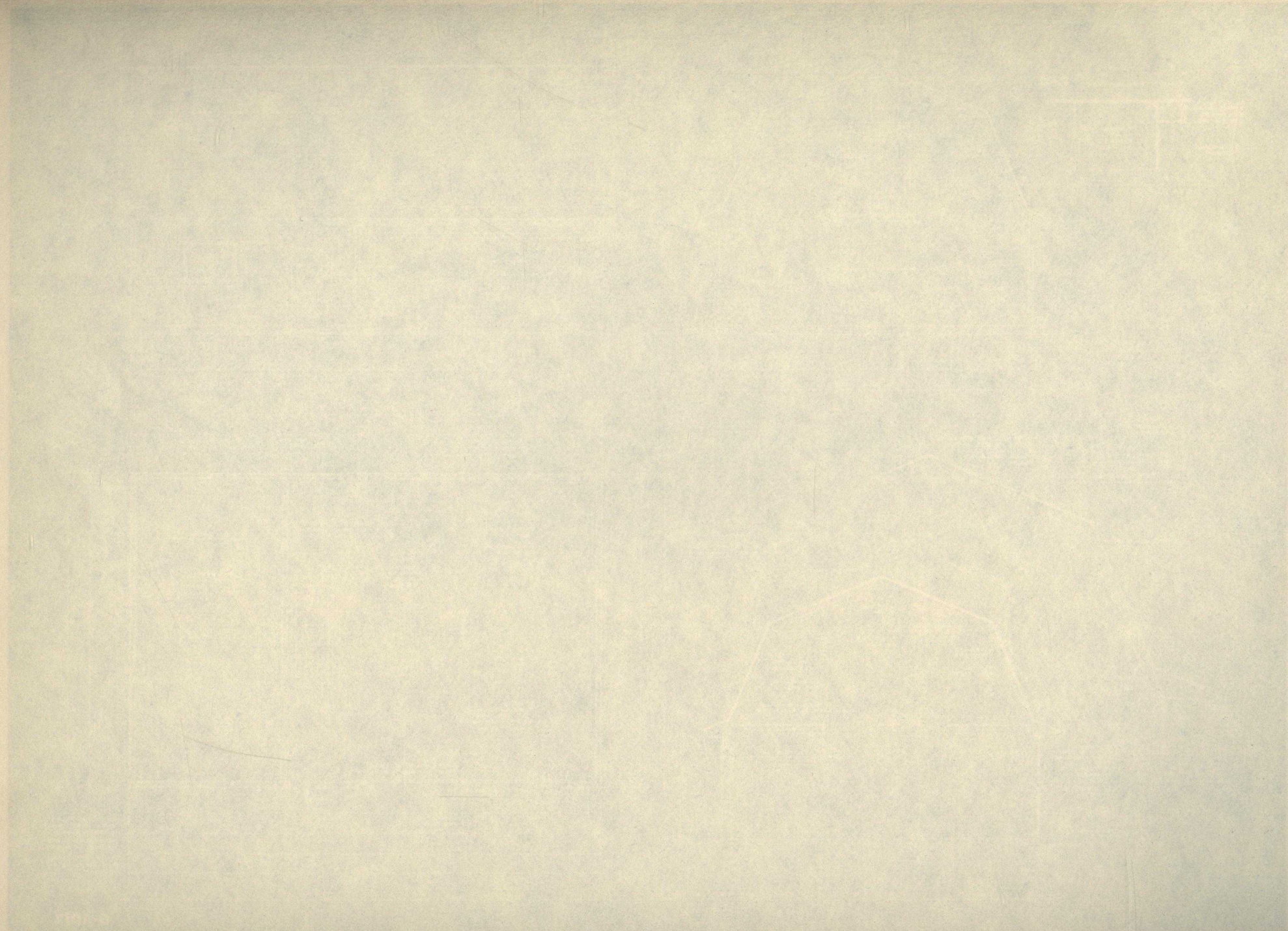
• CARPORT MAY BE CONVERTED INTO SCREEN PORCH OR FUTURE SHOP AREA AS DESIRED

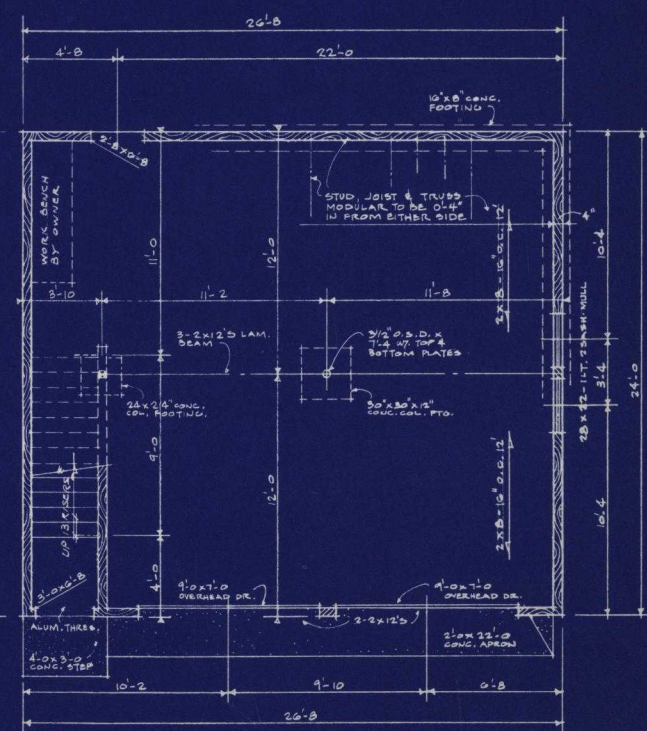
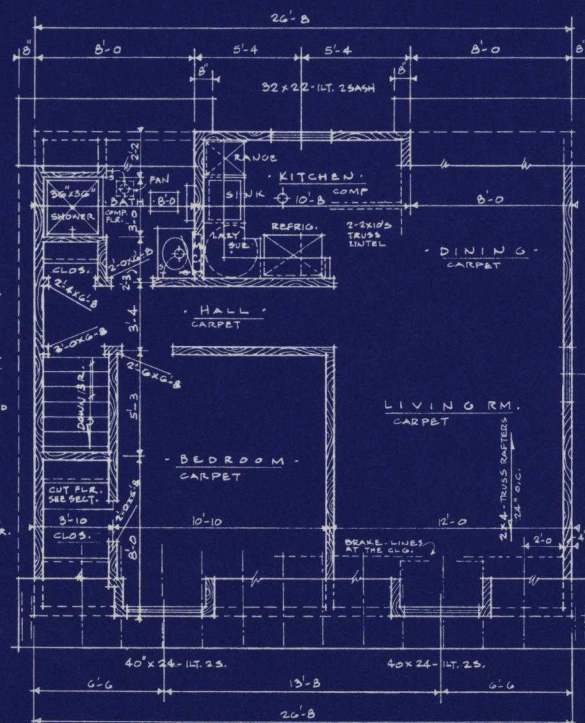
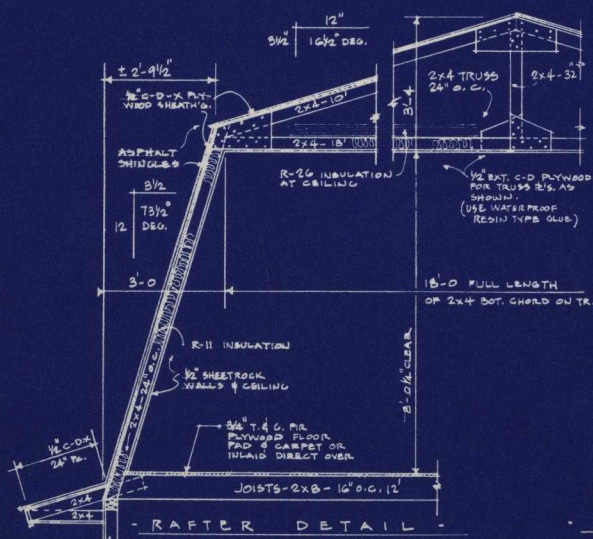
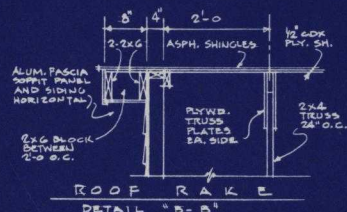
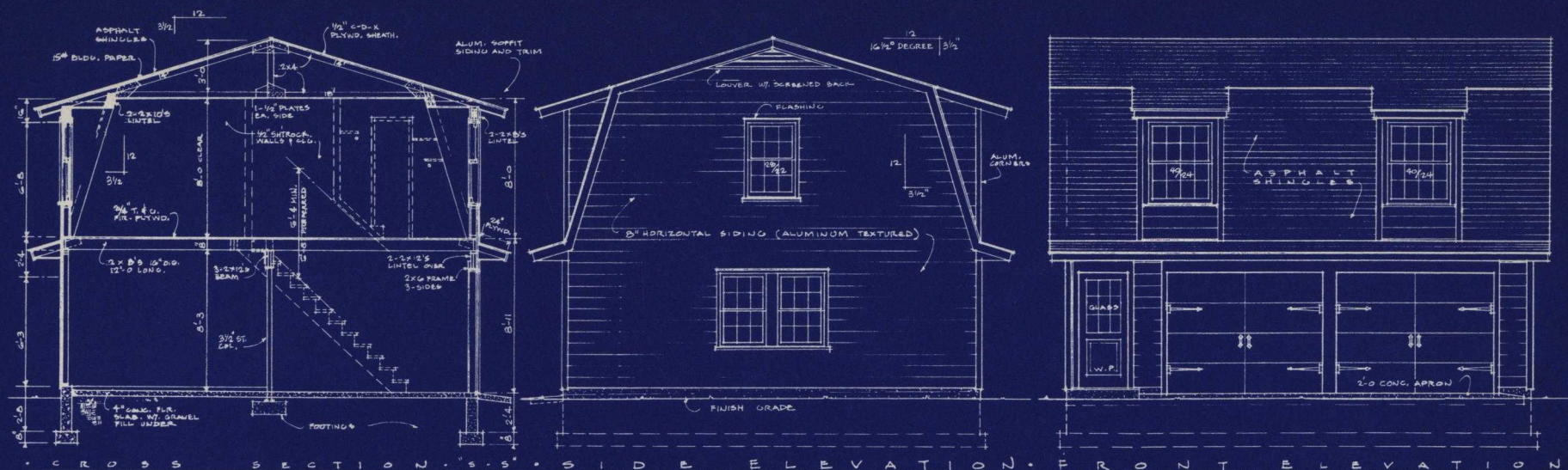


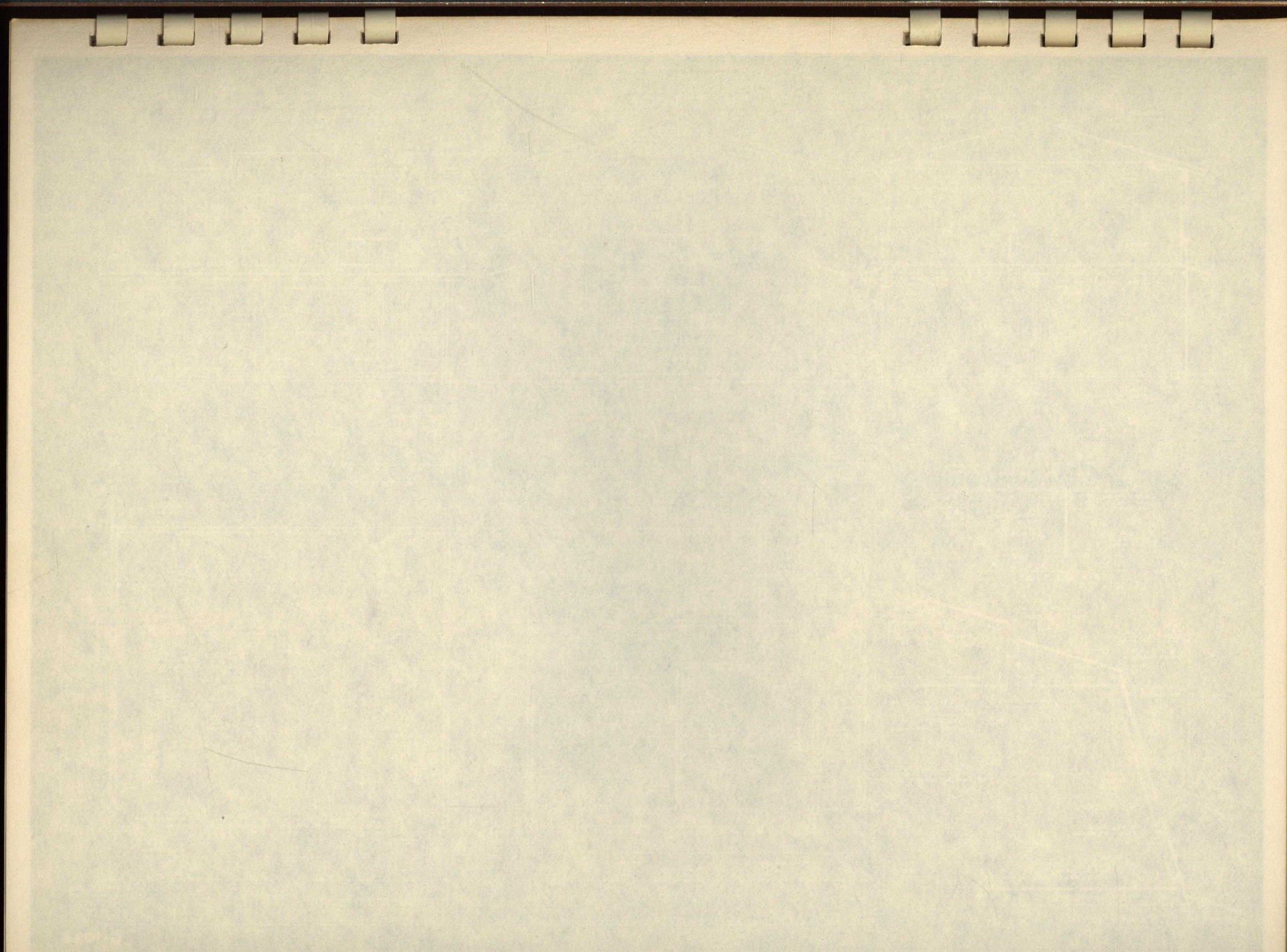


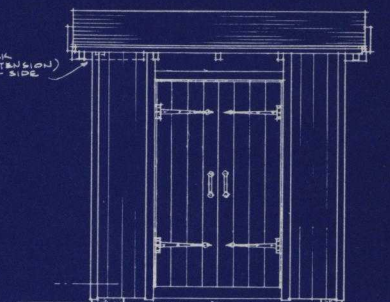
· S I D E E L E V A T I O N · F R O N T E L E V A T I O N ·

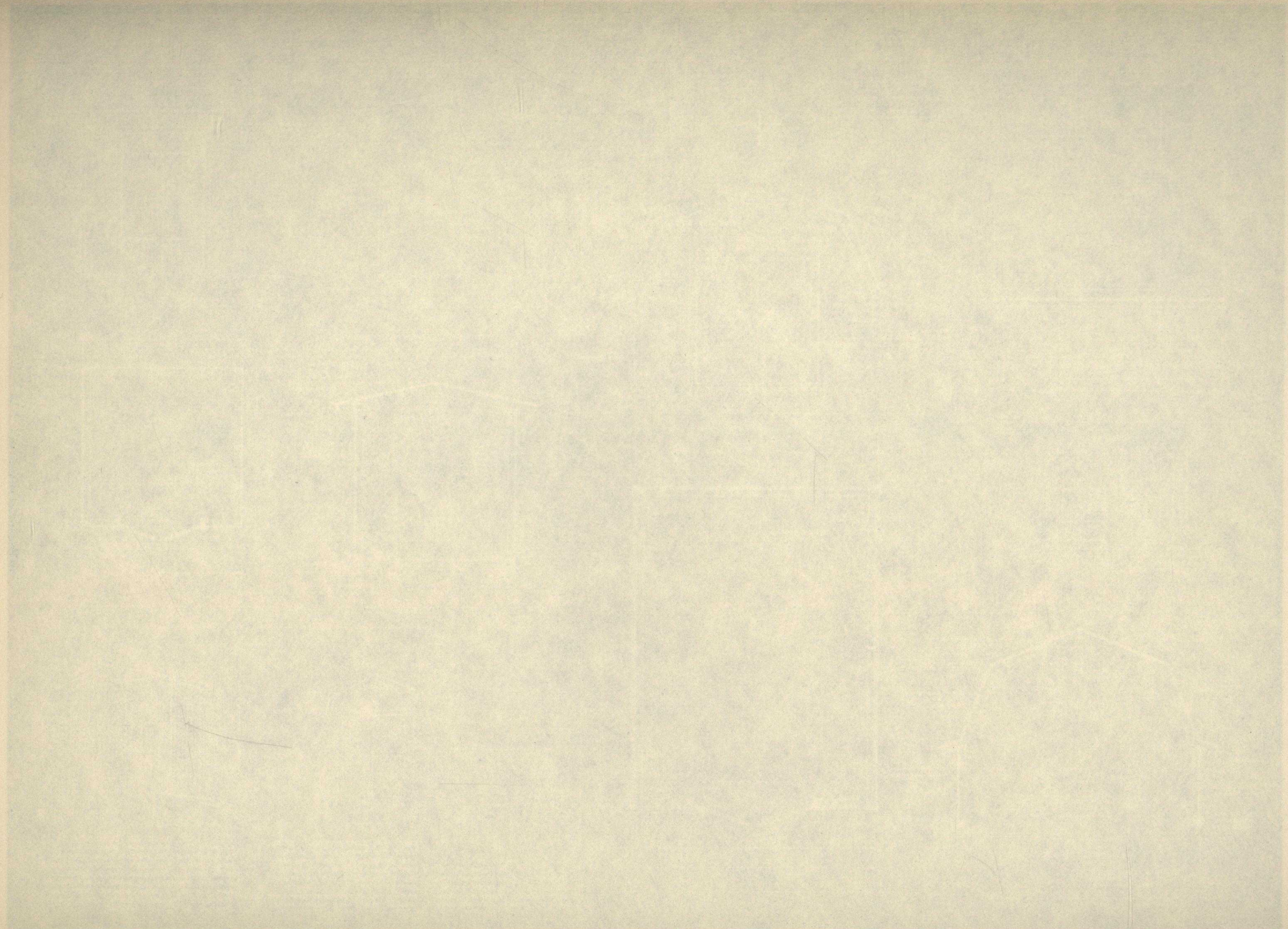


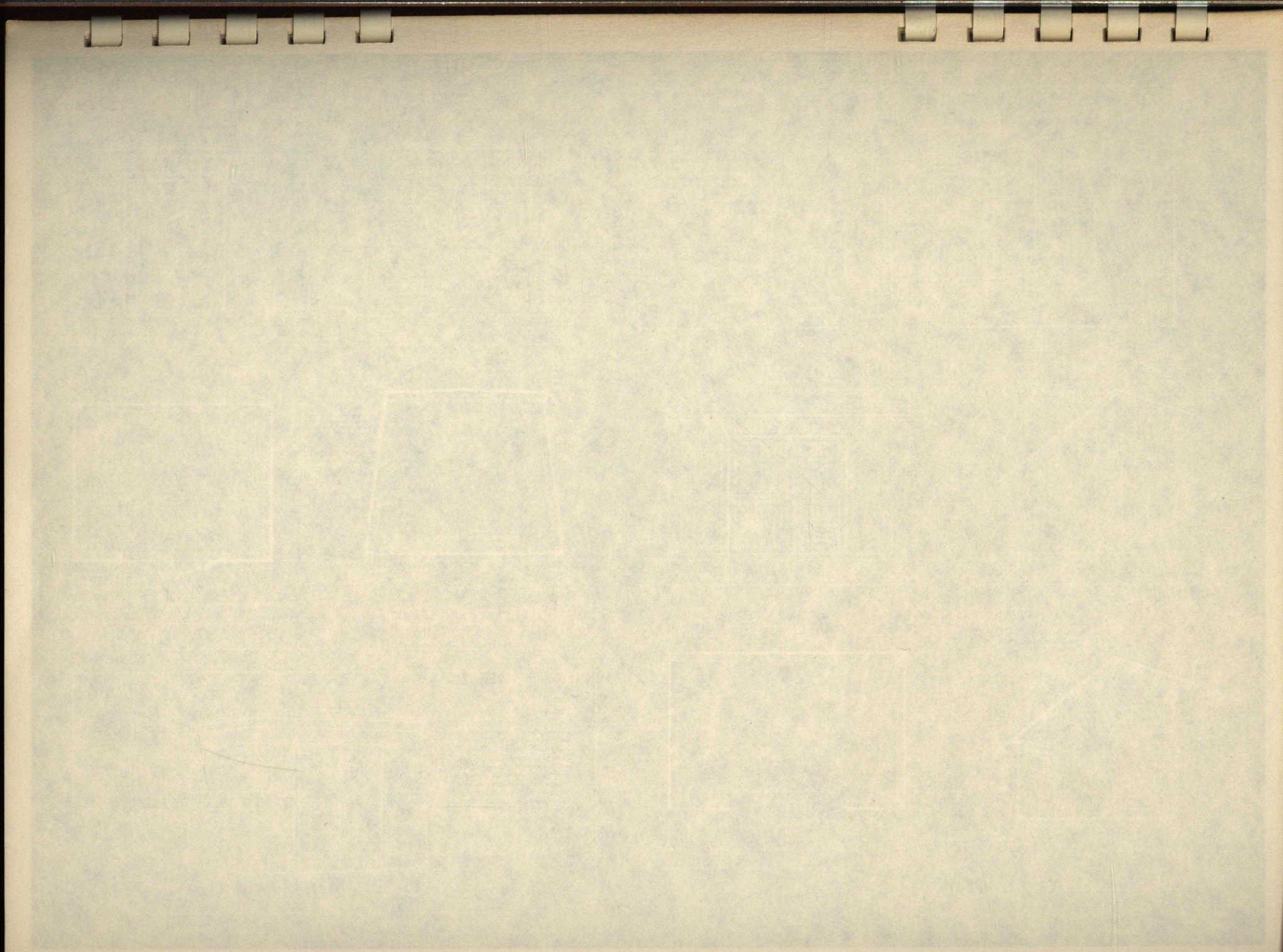












. time and money saving services

MATERIAL LIST

A material list is available for each of the garage designs for purpose of estimating costs, giving estimated amount and size of dimension lumber, sheathing, siding, shingles, concrete, etc. It also lists doors, windows, frames, trim, etc.

Price each . . . 2.00

GARAGE REPRINTS

Additional reprints of any individual garage design may be purchased in quantity. Reprints will save you money and stimulate more sales when you give out single sheets rather than the more expensive book.

8" x 10½" Reprints, minimum

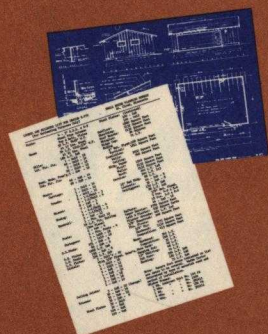
3 prints of any one design . . . price 1.00

18" x 24" Reprints price 2.50

ARCHITECTURAL SERVICES

We offer service of drawing plans from your sketches. Consult us. We will estimate time and cost necessary to do the work.

A series of house plan books containing the latest and best in modern small house planning are also available. Consult your material dealer or builder. His experience will serve you well and he will gladly answer your questions.



Small House Planning Bureau
Box 520
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